

**TREX**  
**NINGBO TREX TECHNOLOGY**  
**CO.,LTD**



**NINGBO SALVADOR PIPING**  
**SYSTEM CO.,LTD.**

**SALVADOR**  
**HDPE**

**SALVADOR**  
**HDPE**



**NINGBO SALVADOR PIPING**  
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# ENTERING SALVADOR



SALVADOR PIPING SYSTEM CO., LTD (NINGBO TREX TECHNOLOGY CO., LTD) is a leading and professional manufacturer and exporter for UPVC, CPVC, HDPE, PP, PPR pipes, valves and fittings in China, most of our products have been sold to United States, Canada, Mexico, Chile, Colombia, Russia, Saudi Arabia, UAE, Iran, Iraq, Thai-land, the philippines, Indonesia, Malaysia etc. and with very good reputation.

Our Products confirm to ANSI, DIN, JIS & CNS standard, and they are widely used in water & waste water treatment system, chemical industry, electronic Industry, electroplating industry, papermaking industry, pharmacy industry, aquaculture Construction, mining Plant, powerplant construction, drainage, irrigation agriculture and other applications involving corrosive fluid transfer.

With rich experience in piping & duct systems, we will provide best solutions and services to you, Welcome to our company visit and discuss business, sincerely hope our professional technology and individual service can win your trust and favor. Looking forward to cooperate with friends all over the world. Let's do win-win business together!



# CATALOGUE

## HDPE pipe fittings For water

P01-06 ▶ PE 80 BF

P07-11 ▶ PE 100 BF

P12-18 ▶ PE 100 EF

## HDPE pipe fittings For gas

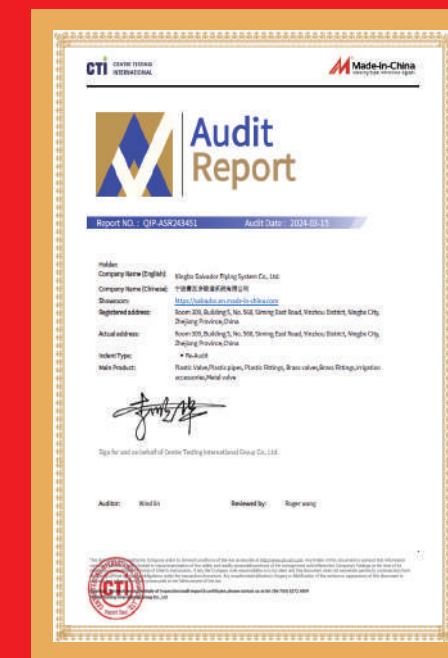
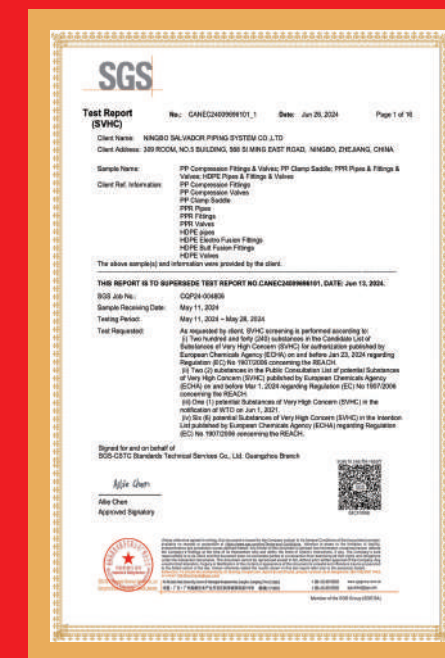
P19-21 ▶ PE 100 EF

P22-24 ▶ PE 100 BF

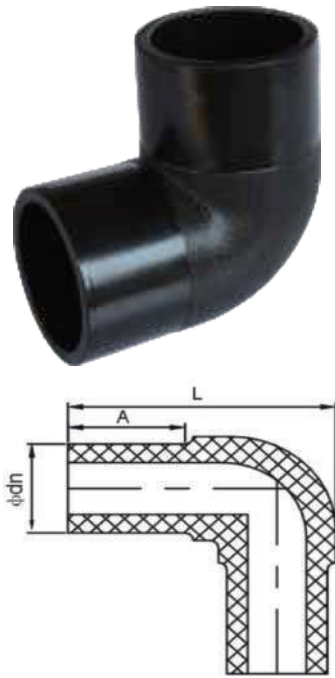
All our HDPE pipe fittings comply with  
EN12201-3, ISO 4427-3 standard.



# SWD CERTIFICATES

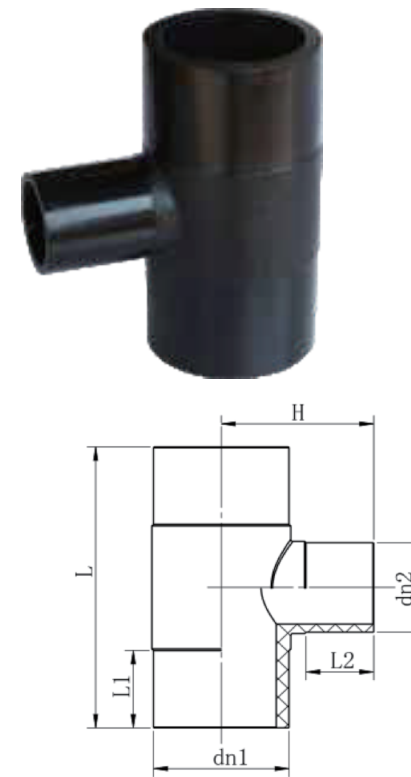


## 90°Elbow



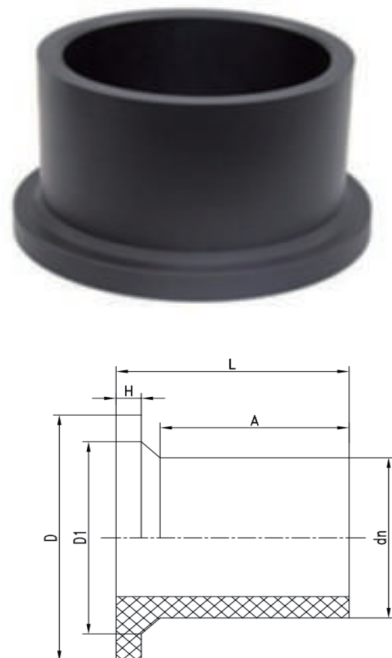
| NO. | SIZE           | SDR                 | dn  | A    | L   |
|-----|----------------|---------------------|-----|------|-----|
| 1   | L63            | SDR11/SDR13.6       | 63  | 57   | 123 |
| 2   | L75            | SDR11/SDR13.6       | 75  | 58   | 138 |
| 3   | L90            | SDR11/SDR13.6       | 90  | 61   | 165 |
| 4   | L110           | SDR11/SDR13.6       | 110 | 67   | 185 |
| 5   | L110-B         | SDR11/SDR13.6       | 110 | 58   | 172 |
| 6   | L125           | SDR11/SDR13.6       | 125 | 70   | 205 |
| 7   | L140           | SDR11/SDR13.6       | 140 | 64   | 211 |
| 8   | L160           | SDR13.6             | 160 | 65   | 232 |
| 9   | L160           | SDR11               | 160 | 74   | 244 |
| 10  | L160-B         | SDR11/SDR13.6       | 160 | 62   | 222 |
| 11  | L180           | SDR11/SDR13.6       | 180 | 68   | 253 |
| 12  | L200           | SDR13.6             | 200 | 70   | 278 |
| 13  | L200           | SDR11               | 200 | 80   | 285 |
| 14  | L200-B         | SDR11/SDR13.6/SDR17 | 200 | 62   | 262 |
| 15  | L225           | SDR11/SDR13.6       | 225 | 105  | 337 |
| 16  | L250           | SDR11/SDR13.6       | 250 | 93   | 348 |
| 17  | L280           | SDR11/SDR13.6       | 280 | 89.5 |     |
| 18  | L315           | SDR11/SDR13.6       | 315 | 100  | 418 |
| 19  | L355           | SDR11/SDR17         | 355 | 107  | 468 |
| 20  | L400           | SDR11/SDR17         | 400 | 110  | 517 |
| 21  | L450           | SDR11/SDR17         | 450 | 110  | 570 |
| 22  | L500           | SDR11/SDR17         | 500 | 120  | 625 |
| 23  | L500 ( short ) | SDR11/SDR17         | 500 | 100  | 600 |
| 24  | L560           | SDR11/SDR17         | 560 | 125  | 700 |
| 25  | L630           | SDR11/SDR17         | 630 | 130  | 768 |
| 26  | L710           | SDR17               | 710 | 180  | 905 |
| 27  | L800           | SDR17               | 800 | 180  | 990 |

## Reducing Tee



| NO. | dn1×dn2    | SDR                 | L     | H     | L1   | L2   |
|-----|------------|---------------------|-------|-------|------|------|
| 1   | T75*50     | SDR11/SDR13.6/SDR17 | 177   | 98.5  | 58   | 55   |
| 2   | T75*63     | SDR11/SDR13.6/SDR17 | 190   | 98.5  | 58   | 55   |
| 3   | T90*50     | SDR11/SDR13.6/SDR17 | 198   | 121   | 58.8 | 68.5 |
| 4   | T90*63     | SDR11/SDR13.6/SDR17 | 200   | 123   | 60   | 71   |
| 5   | T90*75     | SDR11/SDR13.6/SDR17 | 212   | 121.5 | 65   | 68   |
| 6   | T110*50    | SDR11/SDR13.6/SDR17 | 198   | 127   | 67   | 66   |
| 7   | T110*63    | SDR11/SDR13.6/SDR17 | 210   | 127   | 67   | 66   |
| 8   | T110*75    | SDR11/SDR13.6/SDR17 | 218   | 127   | 67   | 66   |
| 9   | T110*90    | SDR11/SDR13.6/SDR17 | 239   | 127   | 67   | 66   |
| 10  | T110*50-B  | SDR11/SDR13.6/SDR17 | 165   | 112   | 57   | 57   |
| 11  | T110*63-B  | SDR11/SDR13.6/SDR17 | 177   | 114   | 57   | 59   |
| 12  | T110*75-B  | SDR11/SDR13.6/SDR17 | 192   | 114   | 57   | 59   |
| 13  | T110*90-B  | SDR11/SDR13.6/SDR17 | 213   | 115   | 60   | 60   |
| 14  | T125*50    | SDR11/SDR13.6/SDR17 | 222   | 142.5 | 71   | 70   |
| 15  | T125*63    | SDR11/SDR13.6/SDR17 | 222   | 142.5 | 71   | 70   |
| 16  | T125*75    | SDR11/SDR13.6/SDR17 | 232   | 142.5 | 71   | 70   |
| 17  | T125*90    | SDR11/SDR13.6/SDR17 | 254   | 141.5 | 72   | 72   |
| 18  | T125*110   | SDR11/SDR13.6/SDR17 | 270   | 141.5 | 72   | 72   |
| 19  | T140*50    | SDR11/SDR13.6/SDR17 | 202   | 140   | 65   | 65   |
| 20  | T140*63    | SDR11/SDR13.6/SDR17 | 202   | 140   | 65   | 65   |
| 21  | T140*75    | SDR11/SDR13.6/SDR17 | 213   | 140   | 65   | 65   |
| 22  | T140*90    | SDR11/SDR13.6/SDR17 | 226   | 140   | 65   | 65   |
| 23  | T140*110   | SDR11/SDR13.6/SDR17 | 249   | 140   | 65   | 65   |
| 25  | T160*50    | SDR11/SDR13.6/SDR17 | 220   | 158   | 72   | 72   |
| 26  | T160*63    | SDR11/SDR13.6/SDR17 | 218   | 158   | 72   | 72   |
| 27  | T160*75    | SDR11/SDR13.6/SDR17 | 229   | 158   | 72   | 72   |
| 28  | T160*90    | SDR11/SDR13.6/SDR17 | 261   | 160   | 76   | 71   |
| 29  | T160*110   | SDR11/SDR13.6/SDR17 | 265   | 158   | 73   | 73   |
| 30  | T160*125   | SDR11/SDR13.6/SDR17 | 271.5 | 145   | 63   | 63   |
| 31  | T160*140   | SDR11/SDR13.6/SDR17 | 272.5 | 145   | 64   | 64   |
| 32  | T160*50-B  | SDR11/SDR13.6/SDR17 | 174   | 140   | 60   | 60   |
| 51  | T160*63-B  | SDR11/SDR13.6/SDR17 | 187   | 140   | 60   | 60   |
| 52  | T160*75-B  | SDR11/SDR13.6/SDR17 | 200   | 140   | 60   | 60   |
| 53  | T160*90-B  | SDR11/SDR13.6/SDR17 | 215   | 140   | 62   | 60   |
| 54  | T160*110-B | SDR11/SDR13.6/SDR17 | 234   | 140   | 62   | 60   |
| 55  | T180*50    | SDR11/SDR13.6/SDR17 | 223   | 170   | 69   | 75   |
| 56  | T180*63    | SDR11/SDR13.6/SDR17 | 223   | 170   | 68   | 75   |
| 57  | T180*75    | SDR11/SDR13.6/SDR17 | 222   | 170   | 68   | 75   |
| 58  | T180*90    | SDR11/SDR13.6/SDR17 | 237   | 165   | 68   | 68   |
| 59  | T180*110   | SDR11/SDR13.6/SDR17 | 262   | 167   | 70   | 72   |
| 62  | T180*160   | SDR11/SDR13.6/SDR17 | 308   | 164   | 70   | 70   |
| 63  | T200*63    | SDR11/SDR13.6/SDR17 | 250   | 190   | 80   | 80   |
| 64  | T200*75    | SDR11/SDR13.6/SDR17 | 264   | 190   | 80   | 80   |
| 65  | T200*90    | SDR11/SDR13.6/SDR17 | 264   | 190   | 80   | 80   |
| 66  | T200*110   | SDR13.6/SDR17       | 265.5 | 176.5 | 70   | 70   |
| 67  | T200*110   | SDR11               | 282.5 | 190.8 | 80   | 80   |
| 69  | T200*160   | SDR13.6             | 312   | 179   | 68   | 68   |
| 70  | T200*160   | SDR11               | 335   | 187   | 80   | 80   |
| 71  | T200*63-B  | SDR11/SDR13.6/SDR17 | 190   | 160   | 62   | 60   |
| 72  | T200*75-B  | SDR11/SDR13.6/SDR17 | 202   | 160   | 62   | 60   |
| 73  | T200*90-B  | SDR11/SDR13.6/SDR17 | 212   | 160   | 62   | 60   |
| 74  | T200*110-B | SDR11/SDR13.6/SDR17 | 232   | 160   | 62   | 60   |
| 75  | T200*160-B | SDR11/SDR13.6/SDR17 | 285   | 162   | 62   | 62   |
| 76  | T225*90    | SDR11/SDR13.6/SDR17 | 394   | 195   | 102  | 75   |
| 77  | T225*110   | SDR11/SDR13.6/SDR17 | 394   | 205   | 102  | 78   |
| 78  | T225*160   | SDR11/SDR13.6/SDR17 | 394   | 210   | 102  | 85   |
| 80  | T250*110   | SDR11/SDR13.6/SDR17 | 318   | 220   | 95   | 85   |
| 81  | T250*160   | SDR11/SDR13.6/SDR17 | 390   | 225   | 105  | 90   |
| 82  | T250*200   | SDR11/SDR13.6/SDR17 | 430   | 230   | 105  | 95   |
| 88  | T315*110   | SDR17/SDR13.6       | 326   | 263.5 | 100  | 102  |
| 89  | T315*110   | SDR11               | 331   | 263.5 | 102  | 96   |
| 90  | T315*160   | SDR17               | 377   | 264.5 | 98   | 100  |
| 91  | T315*160   | SDR11               | 381   | 265.5 | 102  | 97   |
| 92  | T315*200   | SDR13.6             | 439   | 264.5 | 109  | 96   |
| 93  | T315*200   | SDR11               | 422   | 264.5 | 101  | 96   |
| 94  | T315*250   | SDR17/SDR13.6/SDR11 | 492   | 270   | 110  | 105  |
| 95  | 355×110    | SDR11/SDR17         | 425   | 259.5 | 102  | 76   |
| 96  | 355×160    | SDR11/SDR17         | 425   | 259.5 | 102  | 76   |
| 97  | 355×200    | SDR11/SDR17         | 425   | 259.5 | 102  | 76   |
| 98  | 355×250    | SDR11/SDR17         | 590   | 292.5 | 108  | 76   |
| 99  | 355×315    | SDR11/SDR17         | 590   | 292.5 | 108  | 76   |
| 100 | 400×110    | SDR11/SDR17         | 463   | 315   | 110  | 105  |
| 101 | 400×160    | SDR11/SDR17         | 465   | 315   | 110  | 105  |
| 102 | 400×200    | SDR11/SDR17         | 463   | 312   | 112  | 102  |
| 103 | 400×250    | SDR11/SDR17         | 560   | 313   | 112  | 105  |
| 104 | 400×315    | SDR11/SDR17         | 555   | 310   | 110  | 105  |
| 112 | 500×110长款  | SDR11/SDR17         | 374   | 457   | 125  | 132  |
| 113 | 500×110短款  | SDR11/SDR17         | 345   | 457   | 110  | 132  |
| 114 | 500×160长款  | SDR11/SDR17         | 475   | 393   | 120  | 132  |
|     | 500×160短款  | SDR11/SDR17         | 398   | 392   | 135  | 130  |
| 115 | 500×200    | SDR11/SDR17         | 430   | 392   | 99   | 132  |
| 116 | 500×250    | SDR11/SDR17         |       |       |      |      |
| 117 | 500×315    | SDR11/SDR17         | 534   | 390   | 99   | 130  |
| 118 | 500×400    | SDR11/SDR17         | 620   | 452   | 99   | 130  |
| 128 | 630×110长款  | SDR11/SDR17         | 394   | 450   | 134  | 124  |
| 129 | 630×110短款  | SDR11/SDR17         | 365   | 450   | 119  | 124  |
| 130 | 630×160长款  | SDR11/SDR17         | 487   | 450   | 130  | 122  |
| 131 | 630×160短款  | SDR11/SDR17         | 417   | 450   | 130  | 122  |
| 132 | 630×200    | SDR11/SDR17         | 485   | 450   | 130  | 122  |
| 133 | 630×250    | SDR11/SDR17         | 600   | 450   | 130  | 122  |
| 134 | 630×315    | SDR11/SDR17         | 600   | 450   | 130  | 122  |
| 135 | 630×400    | SDR11/SDR17         | 785   | 455   | 130  | 130  |
| 137 | 630×500    | SDR11/SDR17         | 785   | 455   | 130  | 130  |

## Stub End



| NO. | SIZE    | SDR                 | dn   | L     | A     | H    | D     | D1    |
|-----|---------|---------------------|------|-------|-------|------|-------|-------|
| 1   | FL50    | SDR11               | 50   | 74    | 58    | 12.5 | 79    | 52    |
| 2   | FL63    | SDR11               | 63   | 84.5  | 68.5  | 12   | 95.7  | 69    |
| 3   | FL75    | SDR11               | 75   | 92.5  | 73.5  | 13   | 115.5 | 83    |
| 4   | FL90    | SDR11               | 90   | 85    | 66    | 13.5 | 119.5 | 98.5  |
| 5   | FL110   | SDR13.6             | 110  | 100   | 80    | 15   | 143   | 114   |
| 6   | FL110   | SDR11               | 110  | 107.5 | 84.5  | 17   | 146   | 115   |
| 7   | FL110-B | SDR11/SDR13.6       | 110  | 85    | 68    | 12   | 140   | 116   |
| 8   | FL125   | SDR11/SDR13.6       | 125  | 113.5 | 89.5  | 18   | 154.5 | 130.5 |
| 9   | FL140   | SDR11/SDR13.6       | 140  | 108   | 83.5  | 17   | 173.5 | 144.5 |
| 10  | FL160-A | SDR11/SDR13.6       | 160  | 120.5 | 94    | 25   | 248.5 | 206.5 |
| 11  | FL160-B | SDR13.6             | 160  | 111   | 84.5  | 19.5 | 197   | 165   |
| 12  | FL160-C | SDR11/SDR13.6       | 160  | 101   | 76.5  | 16.5 | 196   | 167   |
| 13  | FL180   | SDR11/SDR13.6       | 180  | 115   | 87    | 21   | 218   | 186   |
| 14  | FL200-A | SDR11/SDR13.6       | 200  | 126   | 94    | 25   | 250   | 209   |
| 15  | FL200-B | SDR13.6             | 200  | 112   | 84    | 20.5 | 238.5 | 207.5 |
| 16  | FL200-C | SDR11/SDR13.6       | 200  | 105   | 79.5  | 18   | 235   | 206   |
| 17  | FL225   | SDR11/SDR13.6       | 225  | 130   | 99    | 24   | 272   | 236   |
| 18  | FL250   | SDR11/SDR13.6       | 250  | 135.5 | 97.5  | 28.5 | 297   | 257   |
| 19  | FL280   | SDR11/SDR13.6       | 280  | 141   | 105   | 28   | 325   | 291   |
| 20  | FL315   | SDR11/SDR13.6/SDR17 | 315  | 150   | 107.5 | 32.5 | 368   | 326   |
| 21  | FL355   | SDR11/SDR17         | 355  | 164   | 124   | 30   | 401   | 361   |
| 22  | FL400   | SDR11/SDR17         | 400  | 195   | 145   | 36   | 470   | 416   |
| 23  | FL450   | SDR11/SDR17         | 450  | 192   | 144   | 39   | 510   | 454   |
| 24  | FL500   | SDR11/SDR17         | 500  | 177   | 120   | 35   | 560   | 512   |
| 25  | FL630   | SDR11/SDR17         | 630  | 220   | 150   | 47   | 690   | 644   |
| 26  | FL710   | SDR17               | 710  | 215   | 165   | 45   | 780   | 710   |
| 27  | FL800   | SDR17               | 800  | 228   | 166   | 55   | 865   | 800   |
| 28  | FL900   | SDR17               | 900  | 215   | 160   | 55   | 995   | 900   |
| 29  | FL1000  | SDR17               | 1000 | 240   | 180   | 60   | 1095  | 1000  |
| 30  | FL1200  | SDR17               | 1200 | 250   | 178   | 72   | 1295  | 1200  |

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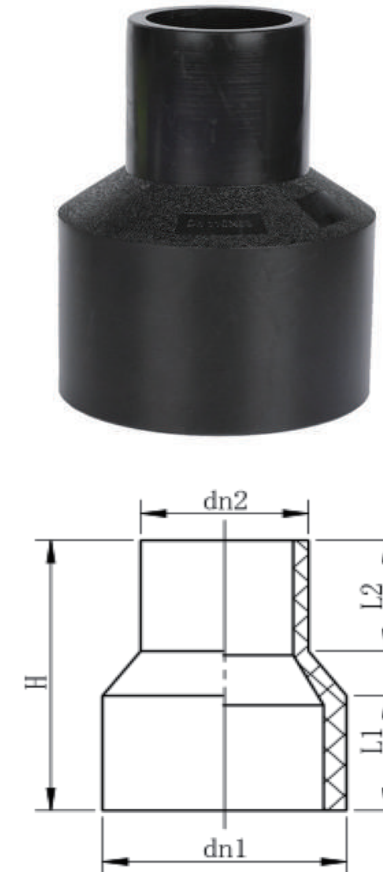
## End cap



| NO. | SIZE | SDR           | dn  | L    | A    |
|-----|------|---------------|-----|------|------|
| 2   | 75   | SDR11/SDR13.6 | 75  | 75.2 | 58.4 |
| 3   | 90   | SDR11/SDR13.6 | 90  | 66.5 | 51   |
| 4   | 110  | SDR11/SDR13.6 | 110 | 73.5 | 57   |
| 5   | 125  | SDR11/SDR13.6 | 125 | 92   | 63.5 |
| 6   | 140  | SDR11/SDR13.6 | 140 | 93   | 64   |
| 7   | 160  | SDR11/SDR13.6 | 160 | 108  | 75   |
| 8   | 180  | SDR11/SDR13.6 | 180 | 105  | 69   |
| 9   | 200  | SDR11/SDR13.6 | 200 | 129  | 85   |
| 10  | 225  | SDR11/SDR13.6 | 225 | 129  | 85   |
| 11  | 250  | SDR11/SDR13.6 | 250 | 134  | 95   |
| 12  | 315  | SDR11/SDR13.6 | 315 | 143  | 102  |

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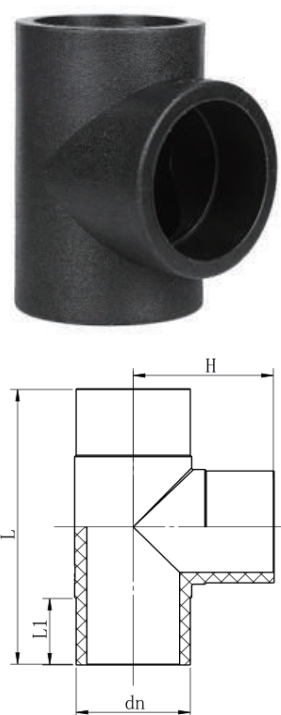
## Reducer



| NO. | dn1×dn2  | SDR           | H     | L1   | L2   |
|-----|----------|---------------|-------|------|------|
| 1   | S75-50   | SDR11/SDR13.6 | 121.5 | 57   | 55   |
| 2   | S75-63   | SDR11/SDR13.6 | 121.5 | 57   | 57   |
| 3   | S90-50   | SDR11/SDR13.6 | 150   | 70   | 64   |
| 4   | S90-63   | SDR11/SDR13.6 | 150   | 70   | 67   |
| 5   | S90-75   | SDR11/SDR13.6 | 150   | 70   | 67   |
| 6   | S110-50  | SDR11/SDR13.6 | 140   | 64   | 57   |
| 7   | S110-63  | SDR11/SDR13.6 | 140   | 64   | 60   |
| 8   | S110-75  | SDR11/SDR13.6 | 140   | 64   | 63.5 |
| 9   | S110-90  | SDR11/SDR13.6 | 140   | 64   | 66   |
| 10  | S125-50  | SDR11/SDR13.6 | 143.5 | 63.5 | 58   |
| 11  | S125-63  | SDR11/SDR13.6 | 143   | 63.5 | 61   |
| 12  | S125-75  | SDR11/SDR13.6 | 142   | 64   | 62   |
| 13  | S125-90  | SDR11/SDR13.6 | 140.5 | 64   | 66   |
| 14  | S125-110 | SDR11/SDR13.6 | 138.5 | 64   | 66   |
| 15  | S140-50  | SDR11/SDR13.6 | 155   | 65   | 58   |
| 16  | S140-63  | SDR11/SDR13.6 | 157   | 65   | 62.5 |
| 17  | S140-75  | SDR11/SDR13.6 | 154   | 65   | 63   |
| 18  | S140-90  | SDR11/SDR13.6 | 152.5 | 65   | 66   |
| 19  | S140-110 | SDR11/SDR13.6 | 146   | 65   | 65   |
| 21  | S160-63  | SDR11/SDR13.6 | 168   | 75   | 60   |
| 22  | S160-75  | SDR11/SDR13.6 | 170   | 75   | 65   |
| 23  | S160-90  | SDR11/SDR13.6 | 166   | 75   | 67   |
| 24  | S160-110 | SDR11/SDR13.6 | 163   | 75   | 69   |
| 27  | S180-50  | SDR11/SDR13.6 | 168.5 | 69   | 61   |
| 28  | S180-63  | SDR11/SDR13.6 | 168.5 | 69   | 62   |
| 29  | S180-75  | SDR11/SDR13.6 | 166   | 69   | 63   |
| 30  | S180-90  | SDR11/SDR13.6 | 168.5 | 69   | 66   |
| 31  | S180-110 | SDR11/SDR13.6 | 161.5 | 69   | 66   |
| 34  | S180-160 | SDR11/SDR13.6 | 147   | 69   | 67   |
| 35  | S200-63  | SDR11/SDR13.6 | 186.7 | 85   | 64.8 |
| 36  | S200-75  | SDR11/SDR13.6 | 186.7 | 85   | 64.8 |
| 37  | S200-90  | SDR11/SDR13.6 | 183.5 | 85   | 66.5 |
| 38  | S200-110 | SDR11/SDR13.6 | 187   | 85   | 69   |
| 39  | S200-160 | SDR11/SDR13.6 | 178   | 85   | 74   |
| 41  | S250*110 | SDR11/SDR13.6 | 195   | 85   | 74   |
| 42  | S250*160 | SDR11/SDR13.6 | 195   | 85   | 85   |
| 43  | S250*200 | SDR11/SDR13.6 | 192   | 85   | 90   |
| 44  | S315-110 | SDR11/SDR13.6 | 205   | 95   | 70   |
| 45  | S315-160 | SDR11/SDR13.6 | 205   | 95   | 84   |
| 46  | S315-200 | SDR11/SDR13.6 | 205   | 95   | 87   |
| 48  | S315-250 | SDR11/SDR13.6 | 205   | 95   | 98   |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

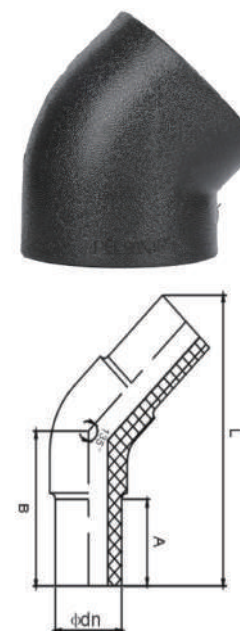
## Equal Tee



| NO. | SIZE           | SDR           | dn  | L     | L1  | H     |
|-----|----------------|---------------|-----|-------|-----|-------|
| 1   | T63            | SDR11/SDR13.6 | 63  | 185   | 57  | 93.5  |
| 2   | T75            | SDR11/SDR13.6 | 75  | 200   | 58  | 100   |
| 3   | T90            | SDR11/SDR13.6 | 90  | 225   | 61  | 115   |
| 4   | T110           | SDR11/SDR13.6 | 110 | 260   | 68  | 130   |
| 5   | T110-B         | SDR11/SDR13.6 | 110 | 235   | 60  | 115   |
| 6   | T125           | SDR11/SDR13.6 | 125 | 280   | 72  | 141.5 |
| 7   | T140           | SDR11/SDR13.6 | 140 | 279.5 | 64  | 140   |
| 8   | T160           | SDR11/SDR13.6 | 160 | 315   | 72  | 157   |
| 9   | T160-B         | SDR11/SDR13.6 | 160 | 294   | 63  | 144   |
| 10  | T180           | SDR11/SDR13.6 | 180 | 330   | 69  | 164.5 |
| 11  | T200           | SDR13.6       | 200 | 352   | 70  | 176.3 |
| 12  | T200           | SDR11         | 200 | 375   | 80  | 188   |
| 13  | T200-B         | SDR11/SDR13.6 | 200 | 323   | 62  | 162   |
| 14  | T225           | SDR11/SDR13.6 | 225 | 452   | 105 | 226.5 |
| 15  | T250           | SDR11/SDR13.6 | 250 | 480   | 105 | 240   |
| 16  | T315           | SDR11/SDR13.6 | 315 | 532   | 100 | 264.5 |
| 17  | T355           | SDR11/SDR17   | 355 | 590   | 108 | 292.5 |
| 18  | T400           | SDR11/SDR17   | 400 | 643   | 110 | 318   |
| 19  | T450           | SDR11/SDR17   | 450 | 700   | 110 | 360   |
| 20  | T500           | SDR11/SDR17   | 500 | 765   | 120 | 390   |
| 21  | T500 ( short ) | SDR11/SDR17   | 500 | 720   | 99  | 370   |
| 22  | T560           | SDR11/SDR17   | 560 | 846   | 125 | 433   |
| 23  | T630           | SDR11/SDR17   | 630 | 915   | 130 | 453   |
| 24  | T710           | SDR11/SDR17   | 710 | 1072  | 180 | 541   |
| 25  | T800           | SDR11/SDR17   | 800 | 1202  | 185 | 606   |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

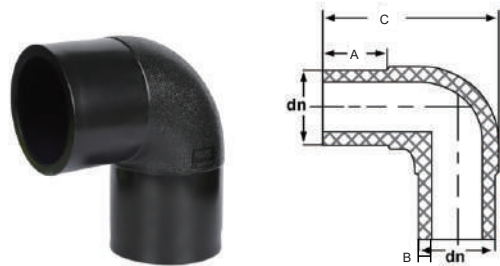
## 45° Elbow



| NO. | SIZE           | SDR           | dn  | A   | L   |
|-----|----------------|---------------|-----|-----|-----|
| 1   | L63            | SDR11/SDR13.6 | 63  | 57  | 178 |
| 2   | L75            | SDR11/SDR13.6 | 75  | 58  | 165 |
| 3   | L90            | SDR11/SDR13.6 | 90  | 68  | 190 |
| 4   | L110           | SDR11/SDR13.6 | 110 | 68  | 204 |
| 5   | L110-B         | SDR11/SDR13.6 | 110 | 57  | 176 |
| 6   | L125           | SDR11/SDR13.6 | 125 | 71  | 226 |
| 7   | L140           | SDR11/SDR13.6 | 140 | 64  | 217 |
| 8   | L160           | SDR11/SDR13.6 | 160 | 70  | 245 |
| 9   | L160-B         | SDR11/SDR13.6 | 160 | 62  | 222 |
| 10  | L180           | SDR11/SDR13.6 | 180 | 68  | 253 |
| 11  | L200           | SDR11/SDR13.6 | 200 | 83  | 295 |
| 12  | L200-B         | SDR11/SDR13.6 | 200 | 64  | 249 |
| 13  | L225           | SDR11/SDR13.6 | 225 | 75  | 295 |
| 14  | L250           | SDR11/SDR13.6 | 250 | 80  | 330 |
| 15  | L315           | SDR11/SDR13.6 | 315 | 90  | 403 |
| 16  | L355           | SDR11/SDR17   | 355 | 102 | 437 |
| 17  | L400           | SDR11/SDR17   | 400 | 110 | 500 |
| 18  | L450           | SDR11/SDR17   | 450 | 110 | 520 |
| 19  | L500           | SDR11/SDR17   | 500 | 120 | 585 |
| 20  | L500 ( short ) | SDR11/SDR17   | 500 | 99  | 545 |
| 21  | L560           | SDR11/SDR17   | 560 | 125 | 650 |
| 22  | L630           | SDR11/SDR17   | 630 | 130 | 695 |
| 23  | L710           | SDR11/SDR17   | 710 | 180 | 833 |
| 24  | L800           | SDR11/SDR17   | 800 | 180 | 897 |

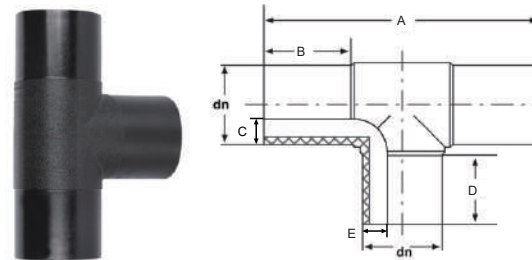
All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

## Equal Elbow



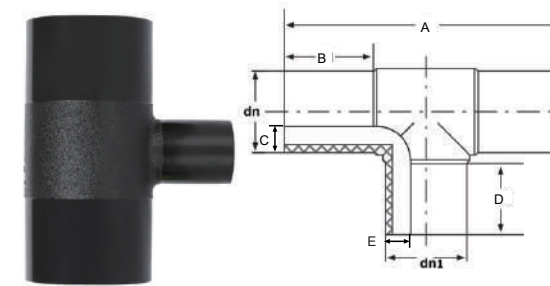
| Dn                 | Size (mm) |      |     | Thickness |         |       |
|--------------------|-----------|------|-----|-----------|---------|-------|
| SPECIFICATION (dn) | A         | B    | C   | SDR17     | SDR13.6 | SDR11 |
| 63                 | 59        | 6    | 123 |           |         | √     |
| 75                 | 59        | 7    | 137 |           |         | √     |
| 90                 | 64        | 8    | 159 |           |         | √     |
| 110                | 66        | 10   | 182 |           | √       | √     |
| 125                | 68        | 11.8 | 199 |           | √       | √     |
| 140                | 70        | 13   | 217 |           | √       | √     |
| 160                | 70        | 15   | 236 |           | √       | √     |
| 180                | 74        | 16.7 | 259 |           | √       | √     |
| 200                | 75        | 18.6 | 278 | √         | √       | √     |
| 225                | 79        | 20.3 | 310 | √         | √       | √     |
| 250                | 87        | 22.8 | 340 | √         | √       | √     |
| 315                | 95        | 28.7 | 410 | √         | √       | √     |
| 355                | 108       | 33   | 463 | √         |         | √     |
| 400                | 105       | 37   | 510 | √         |         | √     |
| 500                | 104       | 45.5 | 595 | √         |         | √     |

## Equal Tee



| Dn                 | Size(mm) |     |       |     |       | Thickness |         |       |
|--------------------|----------|-----|-------|-----|-------|-----------|---------|-------|
| SPECIFICATION (dn) | A        | B   | C     | D   | E     | SDR17     | SDR13.6 | SDR11 |
| 63                 | 186      | 59  | 6     | 59  | 6     |           |         | √     |
| 75                 | 205      | 59  | 7     | 59  | 7     |           |         | √     |
| 90                 | 235      | 64  | 8.2   | 64  | 8.2   |           |         | √     |
| 110                | 254      | 66  | 10    | 66  | 10    |           | √       | √     |
| 125                | 277      | 67  | 12    | 67  | 12    |           | √       | √     |
| 140                | 295      | 69  | 13    | 69  | 13    |           | √       | √     |
| 160                | 318      | 70  | 15    | 70  | 15    |           | √       | √     |
| 180                | 346      | 74  | 17    | 74  | 17    |           | √       | √     |
| 200                | 367      | 75  | 18.4  | 75  | 18.4  | √         | √       | √     |
| 225                | 400      | 79  | 21    | 79  | 21    | √         | √       | √     |
| 250                | 443      | 87  | 23.3  | 87  | 23.3  | √         | √       | √     |
| 280                | 478      | 90  | 26    | 90  | 26    | √         | √       | √     |
| 315                | 522      | 95  | 29.2  | 95  | 29.2  | √         | √       | √     |
| 355                | 588      | 106 | 33    | 106 | 33    |           | √       | √     |
| 400                | 624      | 103 | 37.4  | 103 | 37.4  | √         |         | √     |
| 450                | 652      | 96  | 40.9  | 96  | 40.9  | √         |         | √     |
| 500                | 730      | 100 | 45.45 | 100 | 45.8  | √         |         |       |
| 630                | 893      | 130 | 57.27 | 130 | 52.27 |           |         |       |

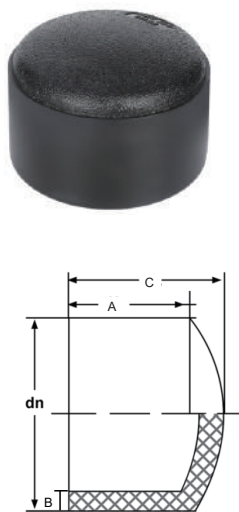
## Reducing Tee



| dn-dn1                 | Size(mm) |      |      |      |      | Thickness |         |       |
|------------------------|----------|------|------|------|------|-----------|---------|-------|
| SPECIFICATION (dn-dn1) | A        | B    | C    | D    | E    | SDR17     | SDR13.6 | SDR11 |
| 75X32                  | 167      | 57   | 7    | 59   | 4    |           |         | √     |
| 75X40                  | 167      | 58   | 7    | 56   | 4.2  |           |         | √     |
| 75X50                  | 167      | 57   | 6.6  | 59.5 | 5    |           |         | √     |
| 75X63                  | 193      | 59   | 6.6  | 57.5 | 6    |           |         | √     |
| 90X40                  | 205      | 64.5 | 8    | 62   | 5    |           |         | √     |
| 90X50                  | 204.5    | 63   | 8    | 62   | 5.5  |           |         | √     |
| 90X63                  | 204      | 62   | 8    | 61   | 6    |           |         | √     |
| 90X75                  | 221      | 62.5 | 8    | 60.5 | 7    |           |         | √     |
| 110X40                 | 210      | 66   | 10   | 66   | 5    |           | √       | √     |
| 110X50                 | 210      | 65   | 10   | 65   | 5.5  |           | √       | √     |
| 110X63                 | 210      | 66   | 10   | 65   | 6    |           | √       | √     |
| 110X75                 | 220      | 66   | 10   | 65   | 7    |           | √       | √     |
| 110X90                 | 233      | 66   | 10   | 65   | 8.5  |           | √       | √     |
| 125X50                 | 213      | 67   | 11.6 | 65   | 6.4  |           | √       | √     |
| 125X63                 | 213      | 67   | 11.6 | 65   | 6    |           | √       | √     |
| 125X75                 | 243      | 68   | 12   | 65.6 | 7.3  |           | √       | √     |
| 125X90                 | 243      | 67   | 12   | 67   | 8.5  |           | √       | √     |
| 125X110                | 262      | 67   | 12   | 67   | 10   |           | √       | √     |
| 140X50                 | 218      | 69   | 13   | 69   | 5.5  |           | √       | √     |
| 140X63                 | 218      | 69   | 13   | 69   | 6.3  |           | √       | √     |
| 140X75                 | 233      | 69   | 13   | 69   | 7    |           | √       | √     |
| 140X90                 | 246      | 69   | 13   | 69   | 8.7  |           | √       | √     |
| 140X110                | 265      | 69   | 13   | 68   | 10.3 |           | √       | √     |
| 140X125                | 281      | 69   | 13   | 68   | 12   |           | √       | √     |
| 160X50                 | 219      | 70   | 14.7 | 70   | 6    |           | √       | √     |
| 160X63                 | 217      | 70   | 14.8 | 70   | 6.4  |           | √       | √     |
| 160X75                 | 226      | 70   | 15.6 | 70   | 7.2  |           | √       | √     |
| 160X90                 | 241.5    | 70   | 15   | 70   | 8.6  |           | √       | √     |
| 160X110                | 252      | 70   | 15   | 70   | 10.3 |           | √       | √     |
| 160X125                | 311.5    | 70   | 15   | 70   | 13   |           | √       | √     |
| 160X140                | 312      | 70   | 15   | 70   | 13   |           | √       | √     |
| 180X63                 | 254      | 73   | 16.6 | 73   | 6.6  |           | √       | √     |

| Dn-Dn1                 | Size(mm) |    |      |      |      | Thickness |         |       |
|------------------------|----------|----|------|------|------|-----------|---------|-------|
| SPECIFICATION (dn-dn1) | A        | B  | C    | D    | E    | SDR17     | SDR13.6 | SDR11 |
| 180X75                 | 254      | 73 | 16.5 | 73   | 7.5  |           | √       | √     |
| 180X90                 | 251      | 73 | 16.5 | 73   | 8.7  |           | √       | √     |
| 180X110                | 274      | 74 | 17   | 73.5 | 10.5 |           | √       | √     |
| 180X125                | 345      | 73 | 16.8 | 73   | 11.8 |           | √       | √     |
| 180X140                | 344      | 73 | 16.8 | 72   | 13   |           | √       | √     |
| 180X160                | 345      | 73 | 17   | 73   | 15   |           | √       | √     |
| 200X50                 | 227      | 75 | 18.3 | 75   | 6.4  | √         | √       | √     |
| 200X63                 | 227      | 75 | 18.3 | 74   | 6.4  | √         | √       | √     |
| 200X75                 | 241      | 75 | 18.3 | 74   | 7    | √         | √       | √     |
| 200X90                 | 255      | 75 | 18.3 | 74   | 8.5  | √         | √       | √     |
| 200X110                | 274      | 76 | 18.3 | 73   | 10.4 | √         | √       | √     |
| 200X125                | 327.5    | 75 | 18.5 | 73   | 12   |           | √       | √     |
| 200X140                | 327      | 75 | 18.7 | 73   | 13   |           | √       | √     |
| 200X160                | 328      | 75 | 18.4 | 73   | 15   | √         | √       | √     |
| 200X180                |          |    |      |      |      |           | √       | √     |
| 225X63                 | 268      | 81 | 21   | 78   | 6.8  | √         | √       | √     |
| 225X75                 | 267      | 80 | 21   | 79   | 7.5  | √         | √       | √     |
| 225X90                 | 269      | 80 | 21   | 78   | 9    | √         | √       | √     |
| 225X110                | 286      | 79 | 21   | 78   | 10.5 | √         | √       | √     |
| 225X125                | 337      | 80 | 21   | 78   | 12   |           | √       | √     |
| 225X140                | 338      | 80 | 21   | 78   | 13.8 |           | √       | √     |
| 225X160                | 338      | 81 | 21   | 77   | 15   |           | √       | √     |
| 225X200                | 400      | 79 | 21   | 80   | 18.8 |           | √       | √     |
| 250X75                 | 302      | 87 | 23.5 | 81   | 7.7  | √         | √       | √     |
| 250X90                 | 302      | 86 | 23.3 | 82   | 8.5  | √         | √       | √     |
| 250X110                | 302      | 87 | 23   | 80   | 10.2 | √         | √       | √     |
| 250X125                | 353      | 87 | 23.4 | 81   | 11.8 | √         | √       | √     |
| 250X160                | 353      | 88 | 23.3 | 81   | 15.2 | √         | √       | √     |
| 250X180                | 392      | 88 | 23.2 | 79   | 17   | √         | √       | √     |
| 250X200                | 392      | 88 | 23.2 | 81   | 18.8 | √         | √       | √     |
| 250X225                | 443      | 88 | 23.6 | 87   | 21.4 | √         | √       | √     |
| 280X110                | 288      | 87 | 26   | 69   | 10.3 |           | √       | √     |
| 280X160                | 337      | 87 | 25.8 | 69   | 15   |           | √       | √     |
| 280X200                | 474      | 90 | 26   | 89   | 18.6 |           | √       | √     |
| 280X225                | 478      | 91 | 26.1 | 90   | 21.1 |           | √       | √     |
| 280X250                | 478      | 90 | 26.2 | 89   | 23.4 |           | √       | √     |
| 315X50                 |          |    |      |      |      |           |         |       |
| 315X63                 | 318      | 94 | 24   | 71   | 7.5  | √         |         | √     |
| 315X75                 | 317      | 94 | 24   | 74   | 7    | √         |         | √     |
| 315X90                 | 317      | 95 | 29.4 | 83   | 8.5  | √         |         | √     |
| 315X110                | 317      | 93 | 29.3 | 83   | 10.7 | √         | √       | √     |
| 315X125                | 370      | 95 | 29.5 | 86   | 12   |           | √       | √     |

## End Cap

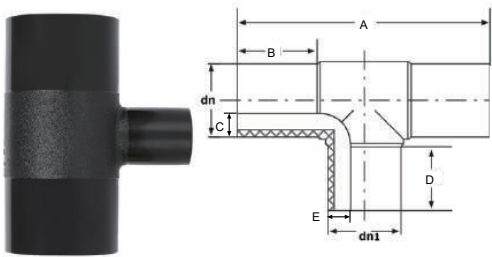


| Dn                 | Size(mm) |      |      | Thickness |         |       |
|--------------------|----------|------|------|-----------|---------|-------|
| SPECIFICATION (dn) | A        | B    | C    | SDR17     | SDR13.6 | SDR11 |
| 75                 | 57       | 7    | 76   |           |         | √     |
| 90                 | 62       | 8.3  | 80   |           |         | √     |
| 110                | 62       | 10.4 | 87   |           | √       | √     |
| 125                | 63       | 12.3 | 90   |           | √       | √     |
| 140                | 66       | 13.3 | 96   |           | √       | √     |
| 160                | 70       | 15   | 100  |           | √       | √     |
| 180                | 72       | 16.8 | 108  |           | √       | √     |
| 200                | 75       | 18.5 | 110  | √         | √       | √     |
| 225                | 73       | 20.7 | 115  |           | √       | √     |
| 250                | 84       | 23.4 | 127  |           | √       | √     |
| 280                | 83       | 26   | 120  |           | √       | √     |
| 315                | 90       | 24   | 145  |           | √       | √     |
| 355                | 87       | 33   | 124  |           | √       | √     |
| 400                | 89       | 27   | 130  | √         |         | √     |
| 450                | 89       | 26   | 96.5 | √         |         |       |
| 500                | 90       | 45.5 | 120  | √         |         | √     |
| 630                | 98       | 58.5 | 150  | √         |         | √     |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

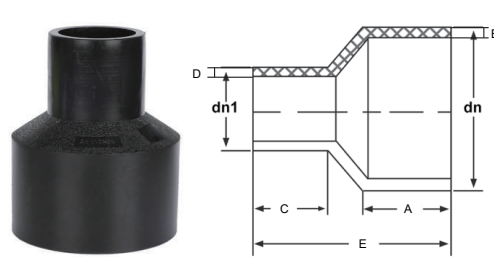
All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

# Reducing Tee



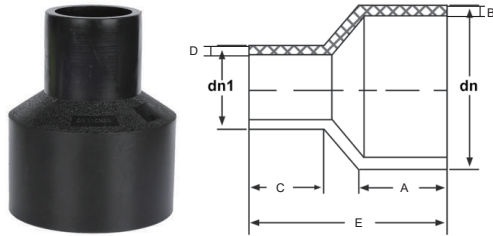
| dn-dn1                 | Size(mm) |     |      |     |      | Thickness |         |       |
|------------------------|----------|-----|------|-----|------|-----------|---------|-------|
| SPECIFICATION (dn-dn1) | A        | B   | C    | D   | E    | SDR17     | SDR13.6 | SDR11 |
| 315x160                | 369      | 95  | 29.5 | 84  | 15   | √         | √       | √     |
| 315x180                | 407      | 96  | 29.5 | 83  | 17   |           | √       | √     |
| 315x200                | 405      | 94  | 29.3 | 83  | 18.6 | √         | √       | √     |
| 315x250                | 428      | 110 | 28.5 | 78  | 23   | √         |         | √     |
| 315x280                | 522      | 95  | 29.6 | 89  | 26   |           | √       | √     |
| 355x110                | 424      | 103 | 33.5 | 77  | 10.5 |           | √       | √     |
| 355x160                | 426      | 103 | 33   | 76  | 15   |           | √       | √     |
| 355x200                | 425      | 102 | 33   | 76  | 19   |           | √       | √     |
| 355x250                | 588      | 108 | 33   | 107 | 23.2 |           | √       | √     |
| 355x280                |          |     |      |     |      |           | √       | √     |
| 355x315                | 578      | 107 | 32.5 | 106 | 29.2 |           | √       | √     |
| 400x110                | 440      | 105 | 37.2 | 84  | 10.2 | √         |         | √     |
| 400x160                | 440      | 105 | 37.2 | 84  | 15.4 | √         |         | √     |
| 400x200                | 440      | 104 | 37.4 | 84  | 18.7 | √         |         | √     |
| 400x250                | 473      | 105 | 37.1 | 89  | 23.3 | √         |         | √     |
| 400x315                | 540      | 105 | 37.3 | 96  | 29.2 | √         |         | √     |
| 450x110                | 314      | 98  | 41   | 77  | 10.2 | √         |         | √     |
| 450x160                | 362      | 98  | 40.3 | 77  | 15   | √         |         | √     |
| 450x200                | 410      | 102 | 40.7 | 79  | 19   | √         |         | √     |
| 450x250                | 454      | 100 | 41.7 | 86  | 23.4 | √         |         | √     |
| 450x315                | 516      | 100 | 41   | 90  | 29.5 | √         |         | √     |
| 450x400                | 603      | 98  | 40.9 | 95  | 37.2 | √         |         | √     |
| 500x110                | 334      | 105 | 46.2 | 94  | 10.4 | √         |         | √     |
| 500x160                | 434      | 105 | 46.2 | 96  | 15   | √         |         | √     |
| 500x200                | 432      | 104 | 46   | 95  | 18.6 | √         |         | √     |
| 500x250                | 535      | 105 | 46.3 | 104 | 24.3 | √         |         | √     |
| 500x315                | 533      | 104 | 46.5 | 103 | 29.2 | √         |         | √     |
| 500x400                | 623      | 105 | 46.2 | 104 | 37   | √         |         | √     |

# Reducer



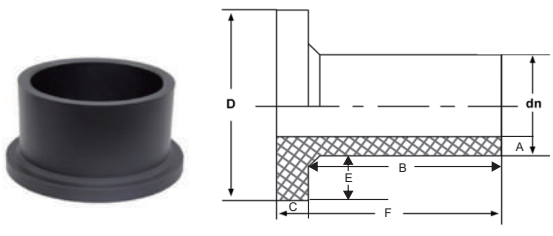
| dn-dn1                 | Size(mm) |      |    |      |     | Thickness |         |       |
|------------------------|----------|------|----|------|-----|-----------|---------|-------|
| SPECIFICATION (dn-dn1) | A        | B    | C  | D    | E   | SDR17     | SDR13.6 | SDR11 |
| 75x40                  | 58       | 7    | 56 | 5    | 128 |           |         | √     |
| 75x50                  | 57       | 7    | 57 | 4.8  | 128 |           |         | √     |
| 75x63                  | 59       | 7    | 59 | 6    | 126 |           |         | √     |
| 90x40                  | 61       | 8.3  | 54 | 5    | 133 |           |         | √     |
| 90x50                  | 61       | 8.3  | 57 | 5.5  | 133 |           |         | √     |
| 90x63                  | 60       | 8.4  | 60 | 6    | 134 |           |         | √     |
| 90x75                  | 61       | 8.3  | 63 | 7    | 132 |           |         | √     |
| 110x40                 | 63       | 10.3 | 57 | 5    | 143 |           |         | √     |
| 110x50                 | 62       | 10.1 | 59 | 6    | 143 |           |         | √     |
| 110x63                 | 63       | 10.5 | 62 | 5.8  | 144 |           |         | √     |
| 110x75                 | 63.5     | 10.1 | 64 | 7    | 143 |           | √       | √     |
| 110x90                 | 64       | 102  | 64 | 8.6  | 137 |           | √       | √     |
| 125x50                 | 63       | 11.4 | 59 | 6    | 142 |           | √       | √     |
| 125x63                 | 63       | 12.1 | 64 | 6    | 145 |           | √       | √     |
| 125x75                 | 64       | 11.5 | 66 | 7    | 145 |           | √       | √     |
| 125x90                 | 63       | 11.6 | 66 | 8.5  | 138 |           | √       | √     |
| 125x110                | 64       | 12   | 68 | 10.6 | 140 |           | √       | √     |
| 140x63                 | 66       | 12.9 | 60 | 6.3  | 157 |           | √       | √     |
| 140x75                 | 65       | 13   | 65 | 72   | 155 |           | √       | √     |
| 140x90                 | 67       | 13.2 | 67 | 8.3  | 153 |           | √       | √     |
| 140x110                | 66       | 13   | 68 | 10.2 | 149 |           | √       | √     |
| 140x125                | 66       | 13.1 | 67 | 11.6 | 142 |           | √       | √     |
| 160x63                 | 67       | 14.7 | 62 | 62   | 161 |           | √       | √     |
| 160x75                 | 68       | 15   | 62 | 8    | 158 |           | √       | √     |
| 160x90                 | 70       | 15   | 65 | 8.7  | 156 |           | √       | √     |
| 160x110                | 70       | 15   | 67 | 10.2 | 154 |           | √       | √     |
| 160x125                | 70       | 14.8 | 67 | 11.6 | 150 |           | √       | √     |
| 160x140                | 70       | 14.9 | 69 | 13   | 149 |           | √       | √     |
| 180x63                 | 72       | 17   | 63 | 7    | 171 |           | √       | √     |
| 180x75                 | 72       | 17   | 66 | 7.4  | 171 |           | √       | √     |
| 180x90                 | 72       | 17   | 67 | 8.6  | 171 |           | √       | √     |
| 180x110                | 72       | 16.8 | 62 | 10.1 | 159 |           | √       | √     |
| 180x125                | 72       | 17   | 68 | 11.6 | 159 |           | √       | √     |
| 180x140                | 72       | 16.8 | 68 | 13   | 157 |           | √       | √     |
| 180x160                | 72       | 16.8 | 70 | 15   | 151 |           | √       | √     |

# Reducer



| dn-dn1                   | Size(mm) |      |    |      |     | Thickness |         |       |
|--------------------------|----------|------|----|------|-----|-----------|---------|-------|
| SPECIFICATION N (dn-dn1) | A        | B    | C  | D    | E   | SDR17     | SDR13.6 | SDR11 |
| 200x63                   | 72       | 18.6 | 62 | 6.3  | 175 |           | √       | √     |
| 200x75                   | 72       | 18.7 | 62 | 7.3  | 172 |           | √       | √     |
| 200x90                   | 75       | 18.6 | 67 | 8.7  | 178 |           | √       | √     |
| 200x110                  | 75       | 18.5 | 66 | 10.3 | 173 |           | √       | √     |
| 200x125                  | 75       | 18.6 | 67 | 12   | 167 |           | √       | √     |
| 200x140                  | 75       | 18.6 | 68 | 13   | 162 |           | √       | √     |
| 200x160                  | 76       | 18.5 | 69 | 15   | 159 |           | √       | √     |
| 200x180                  | 75       | 18.3 | 74 | 17   | 166 |           | √       | √     |
| 225x63                   | 72       | 212  | 64 | 6.5  | 179 |           | √       | √     |
| 225x75                   | 73       | 212  | 66 | 7.7  | 179 |           | √       | √     |
| 225x90                   | 73       | 20.7 | 68 | 8.7  | 175 |           | √       | √     |
| 225x110                  | 73       | 21.0 | 68 | 10.4 | 173 |           | √       | √     |
| 225x125                  | 73       | 21.0 | 68 | 12   | 172 |           | √       | √     |
| 225x140                  | 73       | 20.8 | 67 | 13.3 | 165 |           | √       | √     |
| 225x160                  | 73       | 21.0 | 70 | 15   | 165 | √         |         | √     |
| 225x180                  | 73       | 21.0 | 72 | 17   | 165 | √         |         | √     |
| 225x200                  | 73       | 21.0 | 75 | 18.6 | 167 | √         |         | √     |
| 250x110                  | 83       | 23.0 | 72 | 10.4 | 190 | √         | √       | √     |
| 250x125                  | 84       | 19.0 | 75 | 9.5  | 190 |           | √       |       |
| 250x140                  | 83       | 19.0 | 76 | 10.8 | 188 |           | √       |       |
| 250x160                  | 84       | 23.4 | 78 | 15   | 185 | √         | √       | √     |
| 250x180                  | 82       | 19.0 | 80 | 13.5 | 183 |           | √       |       |
| 250x200                  | 83       | 232  | 83 | 18.5 | 179 | √         | √       | √     |
| 250x225                  | 84       | 23.4 | 87 | 20.8 | 180 |           | √       | √     |
| 280x110                  | 83       | 26.0 | 64 | 10.2 | 170 |           | √       | √     |
| 280x125                  |          |      |    |      |     |           | √       | √     |
| 280x140                  |          |      |    |      |     |           | √       | √     |
| 280x160                  | 82       | 26.0 | 63 | 15   | 161 |           | √       | √     |
| 280x200                  | 83       | 26.0 | 66 | 182  | 164 |           | √       | √     |
| 280x250                  | 82       | 26.0 | 79 | 22.8 | 169 |           | √       | √     |
| 315x110                  | 92       | 29.0 | 72 | 10.2 | 202 | √         | √       | √     |
| 315x160                  | 92       | 29.4 | 80 | 15   | 201 | √         | √       | √     |
| 315x200                  | 92       | 29.3 | 82 | 18.7 | 199 | √         | √       | √     |
| 315x225                  | 92       | 24.0 | 86 | 17   | 197 |           | √       | √     |
| 315x250                  | 92       | 29.0 | 88 | 23   | 193 | √         | √       | √     |
| 355x110                  | 86       | 33.0 | 66 | 10.2 | 181 |           | √       | √     |
| 355x160                  | 86       | 33.0 | 64 | 15   | 172 |           | √       | √     |
| 355x200                  | 87       | 33.0 | 69 | 18.2 | 167 |           | √       | √     |

# Stub End



| dn                 | Size(mm) |     |      |     |      |     | Thickness |         |       |
|--------------------|----------|-----|------|-----|------|-----|-----------|---------|-------|
| SPECIFICATION (dn) | A        | B   | C    | D   | E    | F   | SDR17     | SDR13.6 | SDR11 |
| 50                 | 4.4      | 66  | 9.3  | 76  | 12.6 | 75  |           |         | √     |
| 60                 | 57       | 71  | 11   | 87  | 11   | 81  |           |         | √     |
| 75                 | 6.8      | 71  | 11.6 | 103 | 14   | 82  |           |         | √     |
| 90                 | 8.3      | 72  | 12.2 | 122 | 14.6 | 84  |           |         | √     |
| 110                | 10.3     | 86  | 16   | 146 | 17   | 102 |           | √       | √     |
| 125                | 11.5     | 87  | 16.1 | 157 | 15   | 103 |           | √       | √     |
| 140                | 13       | 90  | 17.5 | 176 | 17.5 | 107 |           | √       | √     |
| 160                | 14.6     | 91  | 21   | 200 | 18.5 | 112 |           | √       | √     |
| 180                | 16.7     | 95  | 20.5 | 222 | 20   | 115 |           | √       | √     |
| 200                | 18.2     | 102 | 24   | 249 | 23   | 127 | √         | √       | √     |
| 225                | 21.3     | 107 | 24.2 | 273 | 21.5 | 133 | √         | √       | √     |
| 250                | 23.4     | 120 | 27.6 | 298 | 22   | 151 | √         | √       | √     |
| 280                | 26       | 112 | 30   | 328 | 21   | 141 | √         | √       | √     |
| 315                | 30       | 115 | 31   | 367 | 24.3 | 146 | √         | √       | √     |
| 355                | 33       | 117 | 32.6 | 410 | 27   | 151 | √         | √       | √     |
| 400                | 37       | 146 | 37   | 473 | 35   | 186 | √         | √       | √     |
| 450                | 42       | 127 | 39   | 520 | 37   | 170 | √         | √       | √     |
| 500                | 47       | 136 | 46   | 570 | 33   | 181 | √         | √       | √     |
| 560                | 52       | 137 | 48   | 613 | 30   | 186 | √         |         | √     |
| 630                | 58       | 143 | 47.3 | 690 | 31   | 191 | √         | √       | √     |
| 710                |          |     |      |     |      |     | √         |         |       |
| 800                |          |     |      |     |      |     | √         |         |       |

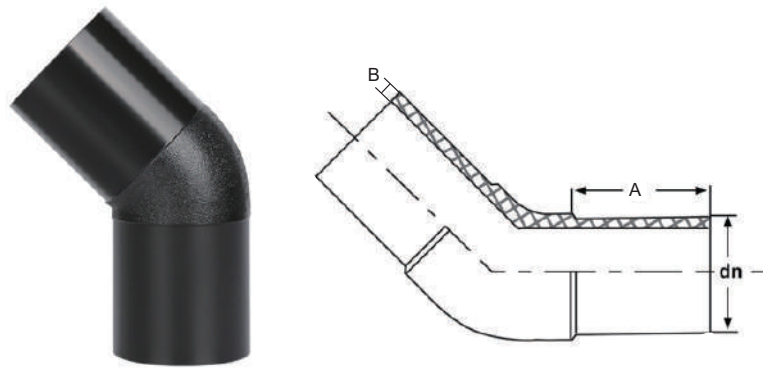
# Reducer

|         |    |      |    |      |     |   |   |   |
|---------|----|------|----|------|-----|---|---|---|
| 355x250 | 86 | 33   | 79 | 23   | 176 |   | √ | √ |
| 355x315 | 86 | 33   | 83 | 28.6 | 175 |   | √ | √ |
| 400x110 | 88 | 37.3 | 75 | 10.2 | 196 | √ |   | √ |
| 400x160 | 88 | 37.3 | 76 | 15   | 190 | √ |   | √ |
| 400x200 | 88 | 37.2 | 77 | 18.2 | 186 | √ |   | √ |
| 400x250 | 89 | 37.2 | 86 | 23.6 | 191 | √ |   | √ |
| 400x315 | 88 | 37   | 88 | 29   | 187 | √ |   | √ |
| 500x160 | 90 | 45.6 | 72 | 15   | 199 | √ |   | √ |
| 500x200 | 90 | 45.3 | 71 | 18.5 | 195 | √ |   | √ |
| 500x250 | 90 | 45.4 | 83 | 23.1 | 197 | √ |   | √ |
| 500x315 | 90 | 45.4 | 85 | 28.5 | 194 | √ |   | √ |
| 500x400 | 91 | 45.6 | 87 | 37.3 | 184 | √ |   | √ |
| 500x450 | 90 | 45.5 | 88 | 41.3 | 185 | √ |   | √ |
| 630x315 | 98 | 58.3 | 91 | 28   | 214 | √ |   | √ |
| 630x400 | 98 | 59   | 95 | 36   | 213 | √ |   | √ |
| 630x500 | 98 | 59   | 95 | 44.4 | 199 | √ |   | √ |
| 630x600 | 98 | 59   | 95 | 50.5 | 198 | √ |   | √ |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

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## 45°Elbow

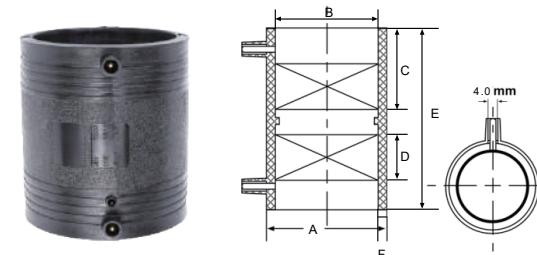


| dn                 | Size(mm) |      | Thickness |         |       |
|--------------------|----------|------|-----------|---------|-------|
| SPECIFICATION (dn) | A        | B    | SDR17     | SDR13.6 | SDR11 |
| 63                 | 56       | 5.6  |           |         | ✓     |
| 75                 | 59       | 7    |           |         | ✓     |
| 90                 | 63       | 8    |           |         | ✓     |
| 110                | 66       | 10   |           |         | ✓     |
| 125                | 67       | 11.3 |           | ✓       | ✓     |
| 140                | 69       | 12.8 |           | ✓       | ✓     |
| 160                | 70       | 15   |           | ✓       | ✓     |
| 180                | 64       | 16   |           | ✓       | ✓     |
| 200                | 75       | 18.5 |           | ✓       | ✓     |
| 225                | 76       | 20.5 | ✓         | ✓       | ✓     |
| 250                | 80       | 23.5 | ✓         | ✓       | ✓     |
| 280                | 82       | 26   |           | ✓       | ✓     |
| 315                | 82       | 29.2 | ✓         | ✓       | ✓     |
| 355                | 102      | 33   |           | ✓       | ✓     |
| 400                | 104      | 37.4 | ✓         |         | ✓     |
| 450                | 95       | 42   | ✓         |         | ✓     |
| 500                | 104      | 46   | ✓         |         | ✓     |
| 630                |          |      |           |         |       |

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## HDPE pipe fittings For water PE100 EF

### Equal Coupler

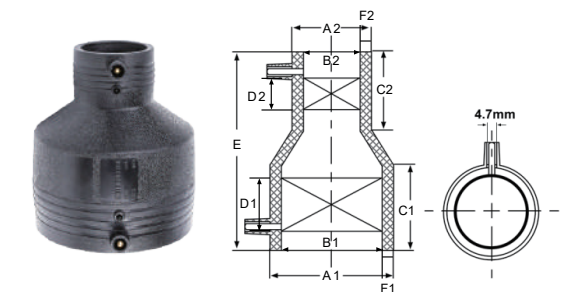


| SDR11         |          |       |       |     |     |       |
|---------------|----------|-------|-------|-----|-----|-------|
| Dn            | SIZE(mm) |       |       |     |     |       |
| SPECIFICATION | A        | B     | C     | D   | E   | F     |
| 50            | 63.06    | 51.09 | 45.78 | 26  | 99  | 6     |
| 63            | 74.4     | 63    | 50    | 27  | 105 | 6     |
| 75            | 88.6     | 75    | 58    | 29  | 116 | 6.8   |
| 90            | 106      | 90    | 64    | 32  | 128 | 8.1   |
| 110           | 130      | 110   | 70    | 35  | 140 | 10    |
| 125           | 147      | 125   | 70    | 37  | 140 | 11.36 |
| 140           |          | 140   |       |     |     |       |
| 160           | 189      | 160   | 84    | 47  | 168 | 14.5  |
| 200           | 236      | 200   | 90    | 50  | 185 | 18.1  |
| 225           | 266      | 225   | 105   | 50  | 210 | 20.4  |
| 250           | 295      | 250   | 105   | 51  | 210 | 22.7  |
| 315           | 372      | 315   | 135   | 67  | 270 | 28.6  |
| 400           | 472      | 400   | 145   | 75  | 290 | 36.3  |
| 500           | 578      | 500   | 150   | 90  | 310 | 39    |
| 630           | 744      | 630   | 185   | 110 | 390 | 57.4  |

| SDR17         |          |      |     |     |     |      |
|---------------|----------|------|-----|-----|-----|------|
| Dn            | SIZE(mm) |      |     |     |     |      |
| SPECIFICATION | A        | B    | C   | D   | E   | F    |
| 315           | 352      | 315  | 115 | 60  | 230 | 18.5 |
| 355           | 396      | 355  | 138 | 70  | 276 | 20.8 |
| 400           | 447      | 400  | 145 | 75  | 290 | 23.5 |
| 500           | 558      | 500  | 150 | 90  | 310 | 29   |
| 630           | 690      | 630  | 195 | 110 | 390 | 30   |
| 710           | 796      | 710  | 195 | 110 | 390 | 43   |
| 800           | 894      | 800  | 210 | 135 | 420 | 47   |
| 1000          | 1120     | 1000 | 260 | 160 | 530 | 58   |
| 1200          | 1343     | 1200 | 270 | 170 | 540 | 70   |

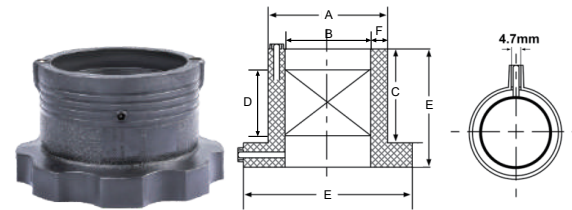
All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

### Reducing Coupler



| SDR17         |          |     |     |     |     |     |    |    |     |       |       |  |
|---------------|----------|-----|-----|-----|-----|-----|----|----|-----|-------|-------|--|
| Dn            | SIZE(mm) |     |     |     |     |     |    |    |     |       |       |  |
| SPECIFICATION | A1       | A2  | B1  | B2  | C1  | C2  | D1 | D2 | E   | F1    | F2    |  |
| 63x50         | 74       | 59  | 63  | 50  | 54  | 50  | 30 | 30 | 110 | 5.7   | 4.5   |  |
| 75x50         | 88       | 63  | 75  | 50  | 57  | 50  | 30 | 30 | 120 | 6.8   | 4.5   |  |
| 75x63         | 88       | 74  | 75  | 63  | 57  | 50  | 30 | 30 | 120 | 6.8   | 5.7   |  |
| 90x50         | 106      | 59  | 90  | 50  | 64  | 50  | 30 | 30 | 130 | 8.1   | 4.5   |  |
| 90x63         | 106      | 74  | 90  | 63  | 64  | 50  | 30 | 30 | 130 | 8.1   | 5.7   |  |
| 90x75         | 106      | 88  | 90  | 75  | 64  | 50  | 40 | 35 | 130 | 8.1   | 6.8   |  |
| 110x50        | 130      | 59  | 110 | 50  | 72  | 60  | 40 | 35 | 144 | 10    | 4.5   |  |
| 110x63        | 130      | 74  | 110 | 63  | 72  | 60  | 40 | 35 | 144 | 10    | 5.7   |  |
| 110x75        | 130      | 88  | 110 | 75  | 72  | 60  | 40 | 35 | 144 | 10    | 6.8   |  |
| 110x90        | 130      | 106 | 110 | 90  | 72  | 60  | 40 | 35 | 144 | 10    | 8.1   |  |
| 160x63        | 189      | 74  | 160 | 63  | 85  | 95  | 40 | 65 | 205 | 14.5  | 5.7   |  |
| 160x75        | 189      | 88  | 160 | 75  | 85  | 75  | 40 | 40 | 180 | 14.5  | 6.8   |  |
| 160x90        | 189      | 106 | 160 | 90  | 85  | 75  | 40 | 40 | 180 | 14.5  | 8.1   |  |
| 160x110       | 189      | 130 | 160 | 110 | 85  | 75  | 40 | 47 | 177 | 14.5  | 10    |  |
| 160x125       | 189      | 148 | 160 | 125 | 83  | 83  | 43 | 43 | 176 | 14.5  | 11.5  |  |
| 200x63        | 236      | 74  | 200 | 63  | 95  | 105 | 40 | 70 | 230 | 18.1  | 5.7   |  |
| 200x75        | 236      | 89  | 200 | 75  | 95  | 95  | 40 | 75 | 220 | 18.18 | 6.81  |  |
| 200x90        | 236      | 106 | 200 | 90  | 95  | 95  | 50 | 40 | 220 | 18.18 | 8.18  |  |
| 200x110       | 236      | 130 | 200 | 110 | 95  | 85  | 50 | 40 | 195 | 18.18 | 10    |  |
| 200x125       | 236      | 148 | 200 | 125 | 95  | 81  | 46 | 40 | 206 | 18.18 | 11.5  |  |
| 200x160       | 236      | 189 | 200 | 160 | 95  | 85  | 50 | 40 | 195 | 18.18 | 14.54 |  |
| 250x110       | 296      | 130 | 250 | 110 | 107 | 85  | 57 | 50 | 232 | 23    | 10    |  |
| 250x160       | 296      | 189 | 250 | 160 | 107 | 85  | 57 | 50 | 232 | 23    | 14.54 |  |
| 250x200       | 296      | 236 | 250 | 200 | 107 | 85  | 57 | 50 | 232 | 23    | 23.6  |  |

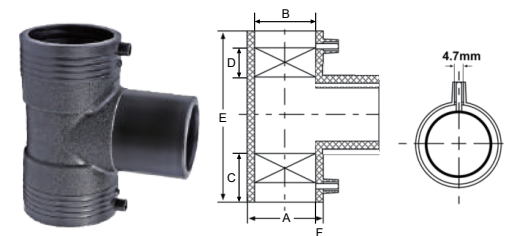
## Stub End



| SDR11         |          |     |     |     |     |       |
|---------------|----------|-----|-----|-----|-----|-------|
| Dn            | SIZE(mm) |     |     |     |     |       |
| SPECIFICATION | A        | B   | C   | D   | E   | F     |
| 50            | 59       | 50  | 72  | 50  | 80  | 4.6   |
| 63            | 74.4     | 63  | 72  | 50  | 80  | 5.7   |
| 75            | 86.6     | 75  | 72  | 50  | 80  | 6.8   |
| 90            | 106.2    | 90  | 80  | 50  | 85  | 8.1   |
| 110           | 130      | 110 | 93  | 63  | 98  | 10    |
| 125           | 147      | 125 | 102 | 107 | 112 | 11.3  |
| 160           | 189      | 160 | 115 | 65  | 122 | 14.5  |
| 200           | 236      | 200 | 115 | 65  | 123 | 16.18 |
| 225           | 266      | 225 | 115 | 71  | 123 | 20.5  |
| 250           | 295      | 250 | 135 | 70  | 145 | 22.7  |
| 315           | 358      | 315 | 143 | 96  | 155 | 21.5  |

| SDR17         |          |      |     |     |     |      |
|---------------|----------|------|-----|-----|-----|------|
| Dn            | SIZE(mm) |      |     |     |     |      |
| SPECIFICATION | A        | B    | C   | D   | E   | F    |
| 355           | 396      | 355  | 143 | 96  | 155 | 20.8 |
| 400           | 447      | 400  | 143 | 96  | 155 | 23.5 |
| 500           | 550      | 500  | 170 | 120 | 190 | 25   |
| 630           | 682      | 630  | 193 | 120 | 203 | 26   |
| 710           | 775      | 710  | 230 | 130 | 245 | 32.5 |
| 800           | 875      | 800  | 235 | 148 | 260 | 37.5 |
| 1000          | 1094     | 1000 | 330 | 180 | 350 | 45   |

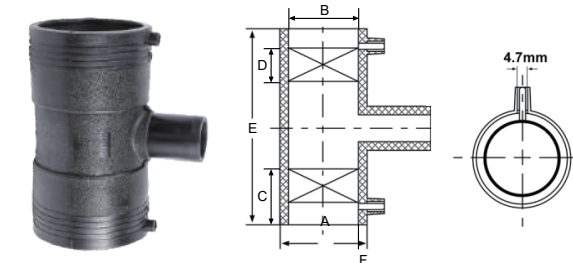
## Tee



| SDR11         |          |     |     |    |     |       |
|---------------|----------|-----|-----|----|-----|-------|
| Dn            | SIZE(mm) |     |     |    |     |       |
| SPECIFICATION | A        | B   | C   | D  | E   | F     |
| 50            | 59       | 50  | 50  | 25 | 142 | 4.5   |
| 63            | 74.4     | 63  | 50  | 27 | 162 | 5.7   |
| 75            | 86.6     | 75  | 58  | 29 | 180 | 6.8   |
| 90            | 106      | 90  | 64  | 32 | 205 | 8.1   |
| 110           | 130      | 110 | 72  | 35 | 235 | 10    |
| 125           | 147      | 125 | 70  | 37 | 255 | 11.36 |
| 160           | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 200           | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 225           | 266      | 225 | 100 | 55 | 370 | 20.4  |
| 250           | 298      | 250 | 110 | 51 | 430 | 22.7  |
| 315           | 372      | 315 | 135 | 67 | 535 | 28.6  |

| SDR17         |          |     |     |    |     |      |
|---------------|----------|-----|-----|----|-----|------|
| Dn            | SIZE(mm) |     |     |    |     |      |
| SPECIFICATION | A        | B   | C   | D  | E   | F    |
| 315           | 372      | 315 | 135 | 67 | 535 | 28.6 |
| 315           | 352      | 315 | 120 | 60 | 495 | 18.5 |
| 400           | 477      | 400 | 150 | 75 | 630 | 23.5 |
| 500           | 558      | 500 | 150 | 90 | 725 | 29   |

## Reducing Tee



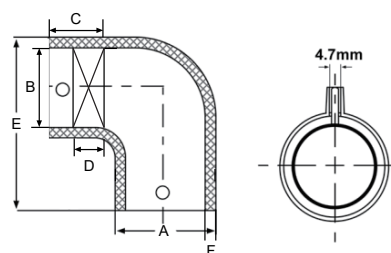
| SDR11         |          |     |     |    |     |       |
|---------------|----------|-----|-----|----|-----|-------|
| Dn            | SIZE(mm) |     |     |    |     |       |
| SPECIFICATION | A        | B   | C   | D  | E   | F     |
| 50x40         | 59       | 50  | 50  | 25 | 142 | 4.5   |
| 63x50         | 74.4     | 63  | 50  | 27 | 162 | 5.7   |
| 75x50         | 86.6     | 75  | 58  | 29 | 180 | 6.8   |
| 75x63         | 86.6     | 75  | 58  | 29 | 180 | 6.8   |
| 90x80         | 106      | 90  | 64  | 32 | 205 | 8.1   |
| 90x63         | 106      | 90  | 64  | 32 | 205 | 8.1   |
| 90x75         | 106      | 90  | 64  | 32 | 205 | 8.1   |
| 110x50        | 130      | 110 | 70  | 35 | 235 | 10    |
| 113x63        | 130      | 110 | 70  | 35 | 235 | 10    |
| 110x75        | 130      | 110 | 72  | 35 | 235 | 10    |
| 110x90        | 130      | 110 | 72  | 35 | 235 | 10    |
| 125x75        | 147      | 125 | 70  | 37 | 255 | 11.36 |
| 125x90        | 147      | 125 | 70  | 37 | 255 | 11.36 |
| 125x110       | 147      | 125 | 70  | 37 | 255 | 11.36 |
| 160x50        | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 160x63        | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 160x75        | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 160x90        | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 160x110       | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 160x125       | 189      | 160 | 77  | 47 | 295 | 14.5  |
| 200x50        | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 200x63        | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 200x75        | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 200x90        | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 200x110       | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 200x125       | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 200x160       | 236      | 200 | 100 | 50 | 360 | 18.1  |
| 225x110       | 266      | 225 | 100 | 55 | 370 | 20.4  |
| 225x160       | 266      | 225 | 100 | 55 | 370 | 20.4  |
| 225x200       | 266      | 225 | 100 | 55 | 370 | 20.4  |
| 250x110       | 298      | 250 | 110 | 51 | 430 | 22.7  |
| 250x160       | 298      | 250 | 110 | 51 | 430 | 22.7  |
| 250x200       | 298      | 250 | 110 | 51 | 430 | 22.7  |
| 315x90        | 372      | 315 | 135 | 67 | 535 | 28.6  |
| 315x110       | 372      | 315 | 135 | 67 | 535 | 28.6  |
| 315x160       | 372      | 315 | 135 | 67 | 535 | 28.6  |
| 315x200       | 372      | 315 | 135 | 67 | 535 | 28.6  |
| 315x250       | 372      | 315 | 135 | 67 | 535 | 28.6  |

| SDR17         |          |     |     |    |     |      |
|---------------|----------|-----|-----|----|-----|------|
| Dn            | SIZE(mm) |     |     |    |     |      |
| SPECIFICATION | A        | B   | C   | D  | E   | F    |
| 315x110       | 352      | 315 | 120 | 60 | 500 | 18.5 |
| 315x160       | 352      | 315 | 120 | 60 | 500 | 18.5 |
| 315x200       | 352      | 315 | 120 | 60 | 500 | 18.5 |
| 315x250       | 352      | 315 | 120 | 60 | 500 | 18.5 |
| 400x110       | 447      | 400 | 150 | 75 | 630 | 23.5 |
| 400x160       | 447      | 400 | 150 | 75 | 630 | 23.5 |
| 400x200       | 447      | 400 | 150 | 75 | 630 | 23.5 |
| 400x250       | 447      | 400 | 150 | 75 | 630 | 23.5 |
| 400x315       | 447      | 400 | 150 | 75 | 630 | 23.5 |
| 500x110       | 558      | 500 | 150 | 90 | 725 | 29   |
| 500x160       | 558      | 500 | 150 | 90 | 725 | 29   |
| 500x200       | 558      | 500 | 150 | 90 | 725 | 29   |
| 500x250       | 558      | 500 | 150 | 90 | 725 | 29   |
| 500x315       | 558      | 500 | 150 | 90 | 725 | 29   |
| 500x400       | 558      | 500 | 150 | 90 | 725 | 29   |

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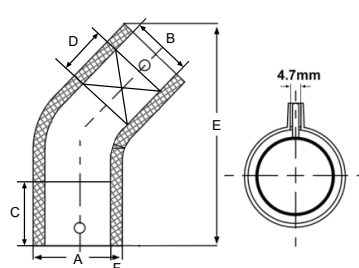
## 90°Elbow



| SDR11         |          |     |     |    |   |      |
|---------------|----------|-----|-----|----|---|------|
| Dn            | SIZE(mm) |     |     |    |   |      |
| SPECIFICATION | A        | B   | C   | D  | E | F    |
| 50            | 59       | 50  | 50  | 27 |   | 4.5  |
| 63            | 74.4     | 63  | 53  | 27 |   | 5.7  |
| 75            | 86.6     | 75  | 60  | 29 |   | 6.8  |
| 90            | 106      | 90  | 67  | 32 |   | 8.1  |
| 110           | 130      | 110 | 73  | 35 |   | 10   |
| 125           | 147      | 125 | 74  | 40 |   | 11.3 |
| 160           | 189      | 160 | 87  | 47 |   | 14.5 |
| 200           | 236      | 200 | 93  | 50 |   | 22.7 |
| 225           | 266      | 225 | 105 | 50 |   | 20.5 |
| 250           | 295      | 250 | 105 | 51 |   | 22.7 |

| SDR17         |          |     |     |     |   |      |
|---------------|----------|-----|-----|-----|---|------|
| Dn            | SIZE(mm) |     |     |     |   |      |
| SPECIFICATION | A        | B   | C   | D   | E | F    |
| 315           | 372      | 315 | 140 | 67  |   | 28.6 |
| 315           | 352      | 315 | 120 | 60  |   | 18.5 |
| 400           | 447      | 400 | 145 | 75  |   | 23.5 |
| 500           | 558      | 500 | 150 | 90  |   | 29   |
| 630           | 690      | 630 | 190 | 110 |   | 30   |

## 45°Elbow



| SDR11         |          |     |     |    |   |      |
|---------------|----------|-----|-----|----|---|------|
| Dn            | SIZE(mm) |     |     |    |   |      |
| SPECIFICATION | A        | B   | C   | D  | E | F    |
| 50            | 59       | 50  | 50  | 25 |   | 4.5  |
| 63            | 74.4     | 60  | 50  | 27 |   | 5.7  |
| 75            | 86.6     | 75  | 58  | 29 |   | 6.8  |
| 90            | 106      | 90  | 64  | 32 |   | 8.1  |
| 110           | 130      | 110 | 70  | 35 |   | 10   |
| 160           | 189      | 160 | 84  | 47 |   | 14.5 |
| 200           | 236      | 200 | 90  | 50 |   | 18.1 |
| 250           | 295      | 250 | 105 | 51 |   | 22.7 |
| 315           | 372      | 315 | 135 | 67 |   | 28.6 |

| SDR17         |          |     |     |    |   |      |
|---------------|----------|-----|-----|----|---|------|
| Dn            | SIZE(mm) |     |     |    |   |      |
| SPECIFICATION | A        | B   | C   | D  | E | F    |
| 400           | 447      | 400 | 145 | 75 |   | 23.5 |

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| 等径直接 Equal Coupler                                                                  | 规格: SPECIFICATION |     |
|-------------------------------------------------------------------------------------|-------------------|-----|
|  | 20                | 75  |
|                                                                                     | 25                | 90  |
|                                                                                     | 32                | 110 |
|                                                                                     | 40                |     |
|                                                                                     | 50                |     |
|                                                                                     | 63                |     |

| 等径三通 Equal Tee                                                                      | 规格: SPECIFICATION |     |
|-------------------------------------------------------------------------------------|-------------------|-----|
|  | 20                | 75  |
|                                                                                     | 25                | 90  |
|                                                                                     | 32                | 110 |
|                                                                                     | 40                |     |
|                                                                                     | 50                |     |
|                                                                                     | 63                |     |

| 变径直接 Reducing Coupler                                                                | 规格: SPECIFICATION |        |
|--------------------------------------------------------------------------------------|-------------------|--------|
|  | 25x20             | 75x40  |
|                                                                                      | 32x20             | 75x50  |
|                                                                                      | 32x25             | 75x63  |
|                                                                                      | 40x20             | 90x25  |
|                                                                                      | 40x25             | 90x32  |
|                                                                                      | 40x32             | 90x40  |
|                                                                                      | 50x20             | 90x50  |
|                                                                                      | 50x25             | 90x63  |
|                                                                                      | 50x32             | 90x75  |
|                                                                                      | 50x40             | 110x32 |
|                                                                                      | 63x20             | 110x40 |
|                                                                                      | 63x25             | 110x50 |
|                                                                                      | 63x32             | 110x63 |
|                                                                                      | 63x40             | 110x75 |
|                                                                                      | 63x50             | 110x90 |
|                                                                                      | 75x20             |        |
|                                                                                      | 75x25             |        |
|                                                                                      | 75x32             |        |

| 变径三通 Reducing Tee                                                                    | 规格: SPECIFICATION |        |
|--------------------------------------------------------------------------------------|-------------------|--------|
|  | 25x20             | 75x40  |
|                                                                                      | 32x20             | 75x50  |
|                                                                                      | 32x25             | 75x63  |
|                                                                                      | 40x20             | 90x25  |
|                                                                                      | 40x25             | 90x32  |
|                                                                                      | 40x32             | 90x40  |
|                                                                                      | 50x20             | 90x50  |
|                                                                                      | 50x25             | 90x63  |
|                                                                                      | 50x32             | 90x75  |
|                                                                                      | 50x40             | 110x32 |
|                                                                                      | 63x20             | 110x40 |
|                                                                                      | 63x25             | 110x50 |
|                                                                                      | 63x32             | 110x63 |
|                                                                                      | 63x40             | 110x75 |
|                                                                                      | 63x50             | 110x90 |
|                                                                                      | 75x20             |        |
|                                                                                      | 75x25             |        |
|                                                                                      | 75x32             |        |

| 90°弯头 90°Elbow                                                                        | 规格: SPECIFICATION |     |
|---------------------------------------------------------------------------------------|-------------------|-----|
|  | 20                | 75  |
|                                                                                       | 25                | 90  |
|                                                                                       | 32                | 110 |
|                                                                                       | 40                |     |
|                                                                                       | 50                |     |
|                                                                                       | 63                |     |

| 45°弯头 45°Elbow                                                                        | 规格: SPECIFICATION |     |
|---------------------------------------------------------------------------------------|-------------------|-----|
|  | 20                | 75  |
|                                                                                       | 25                | 90  |
|                                                                                       | 32                | 110 |
|                                                                                       | 40                |     |
|                                                                                       | 50                |     |
|                                                                                       | 63                |     |

| 管帽 End Cap                                                                            | 规格: SPECIFICATION |     |
|---------------------------------------------------------------------------------------|-------------------|-----|
|  | 20                | 75  |
|                                                                                       | 25                | 90  |
|                                                                                       | 32                | 110 |
|                                                                                       | 40                |     |
|                                                                                       | 50                |     |
|                                                                                       | 63                |     |

| 法兰 Flange                                                                             | 规格: SPECIFICATION |     |
|---------------------------------------------------------------------------------------|-------------------|-----|
|  | 20                | 75  |
|                                                                                       | 25                | 90  |
|                                                                                       | 32                | 110 |
|                                                                                       | 40                | 160 |
|                                                                                       | 50                |     |
|                                                                                       | 63                |     |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

| 外丝直接 Male Coupling                                                                | 规格: SPECIFICATION |           |
|-----------------------------------------------------------------------------------|-------------------|-----------|
|  | 20x1/2M           | 75x2 1/2M |
|                                                                                   | 25x1/2M           | 90x3M     |
|                                                                                   | 25x3/4M           | 110x4M    |
|                                                                                   | 32x1/2M           |           |
|                                                                                   | 32x3/4M           |           |
|                                                                                   | 32x1M             |           |
|                                                                                   | 40x1 1/4M         |           |
|                                                                                   | 50x1 1/2M         |           |
|                                                                                   | 63x2M             |           |
|                                                                                   |                   |           |

| 内丝直接 Female Coupling                                                               | 规格: SPECIFICATION |           |
|------------------------------------------------------------------------------------|-------------------|-----------|
|  | 20x1/2F           | 75x2 1/2F |
|                                                                                    | 25x1/2F           | 90x3F     |
|                                                                                    | 25x3/4F           | 110x4F    |
|                                                                                    | 32x1/2F           |           |
|                                                                                    | 32x3/4F           |           |
|                                                                                    | 32x1F             |           |
|                                                                                    | 40x1 1/4F         |           |
|                                                                                    | 50x1 1/2F         |           |
|                                                                                    | 63x2F             |           |
|                                                                                    |                   |           |

| 外丝三通 Male Tee                                                                     | 规格: SPECIFICATION |  |
|-----------------------------------------------------------------------------------|-------------------|--|
|  | 20x1/2M           |  |
|                                                                                   | 25x1/2M           |  |
|                                                                                   | 25x3/4M           |  |
|                                                                                   | 32x1/2M           |  |
|                                                                                   | 32x3/4M           |  |
|                                                                                   | 32x1M             |  |
|                                                                                   |                   |  |
|                                                                                   |                   |  |

| 内丝三通 Female Tee                                                                    | 规格: SPECIFICATION |  |
|------------------------------------------------------------------------------------|-------------------|--|
|  | 20x1/2F           |  |
|                                                                                    | 25x1/2F           |  |
|                                                                                    | 25x3/4F           |  |
|                                                                                    | 32x1/2F           |  |
|                                                                                    | 32x3/4F           |  |
|                                                                                    | 32x1F             |  |
|                                                                                    |                   |  |
|                                                                                    |                   |  |

| 外丝弯头 Male Elbow                                                                     | 规格: SPECIFICATION |  |
|-------------------------------------------------------------------------------------|-------------------|--|
|  | 20x1/2M           |  |
|                                                                                     | 25x1/2M           |  |
|                                                                                     | 25x3/4M           |  |
|                                                                                     | 32x1/2M           |  |
|                                                                                     | 32x3/4M           |  |
|                                                                                     | 32x1M             |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |

| 内丝弯头 Female Elbow                                                                    | 规格: SPECIFICATION |  |
|--------------------------------------------------------------------------------------|-------------------|--|
|  | 20x1/2F           |  |
|                                                                                      | 25x1/2F           |  |
|                                                                                      | 25x3/4F           |  |
|                                                                                      | 32x1/2F           |  |
|                                                                                      | 32x3/4F           |  |
|                                                                                      | 32x1F             |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |

| 外丝直接 Male Coupling                                                                  | 规格: SPECIFICATION |  |
|-------------------------------------------------------------------------------------|-------------------|--|
|  |                   |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |
|                                                                                     |                   |  |

| 内丝直接 Female Coupling                                                                 | 规格: SPECIFICATION |  |
|--------------------------------------------------------------------------------------|-------------------|--|
|  |                   |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |
|                                                                                      |                   |  |

| 电熔套筒 Electrofusion Coupler                                                          | 规格: SPECIFICATION |     |
|-------------------------------------------------------------------------------------|-------------------|-----|
|  | 50                | 200 |
|                                                                                     | 56                | 250 |
|                                                                                     | 63                | 315 |
|                                                                                     | 75                |     |
|                                                                                     | 90                |     |
|                                                                                     | 110               |     |
|                                                                                     | 125               |     |
|                                                                                     | 160               |     |

| 电熔顺水三通 Electrofusion Tee                                                            | 规格: SPECIFICATION |         |
|-------------------------------------------------------------------------------------|-------------------|---------|
|  | 50x50             | 160x160 |
|                                                                                     | 75x50             | 200x110 |
|                                                                                     | 75x75             |         |
|                                                                                     | 110x50            |         |
|                                                                                     | 110x75            |         |
|                                                                                     | 110x110           |         |
|                                                                                     | 125x110           |         |
|                                                                                     | 160x110           |         |

| 电熔立检口 Electrofusion Clean Out Branch                                                | 规格: SPECIFICATIONS |  |
|-------------------------------------------------------------------------------------|--------------------|--|
|  | 50                 |  |
|                                                                                     | 75                 |  |
|                                                                                     | 110                |  |
|                                                                                     | 125                |  |
|                                                                                     | 160                |  |
|                                                                                     | 200                |  |
|                                                                                     |                    |  |

| 电熔斜三通 Electrofusion 45° Branch Y Tee                                                | 规格: SPECIFICATION |         |
|-------------------------------------------------------------------------------------|-------------------|---------|
|  | 50x50             | 160x160 |
|                                                                                     | 75x50             |         |
|                                                                                     | 75x75             |         |
|                                                                                     | 110x50            |         |
|                                                                                     | 110x75            |         |
|                                                                                     | 110x110           |         |
|                                                                                     | 125x125           |         |
|                                                                                     | 160x110           |         |

| 电熔45°弯头 Electrofusion 45° Elbow                                                       | 规格: SPECIFICATION |  |
|---------------------------------------------------------------------------------------|-------------------|--|
|  | 50                |  |
|                                                                                       | 75                |  |
|                                                                                       | 90                |  |
|                                                                                       | 110               |  |
|                                                                                       | 125               |  |
|                                                                                       | 160               |  |
|                                                                                       | 200               |  |

| 电熔90°弯头 Electrofusion 90° Elbow                                                       | 规格: SPECIFICATION |  |
|---------------------------------------------------------------------------------------|-------------------|--|
|  | 50                |  |
|                                                                                       | 75                |  |
|                                                                                       | 90                |  |
|                                                                                       | 110               |  |
|                                                                                       | 160               |  |
|                                                                                       | 200               |  |
|                                                                                       |                   |  |

| 电熔45°弯头带口 Electrofusion 45° Elbow With Clean Out                                      | 规格: SPECIFICATION |  |
|---------------------------------------------------------------------------------------|-------------------|--|
|  |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |

| 电熔90°弯头带口 Electrofusion 90° Elbow With Clean Out                                      | 规格: SPECIFICATION |  |
|---------------------------------------------------------------------------------------|-------------------|--|
|  |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |

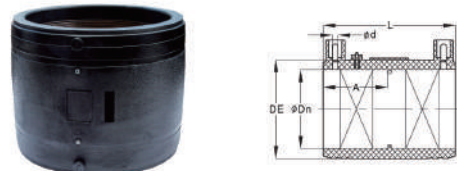
| 电熔偏心异径 Electrofusion Eccentric Reducer                                                | 规格: SPECIFICATION |  |
|---------------------------------------------------------------------------------------|-------------------|--|
|  | 75x50             |  |
|                                                                                       | 110x50            |  |
|                                                                                       | 110x75            |  |
|                                                                                       | 160x75            |  |
|                                                                                       | 160x110           |  |

|                                                                                       | 规格: SPECIFICATION |  |
|---------------------------------------------------------------------------------------|-------------------|--|
|  |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |
|                                                                                       |                   |  |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

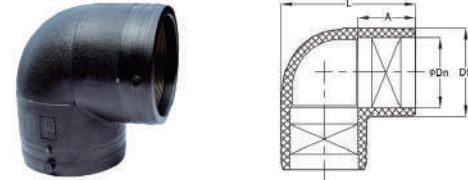
All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

## Electrofusion Coupler



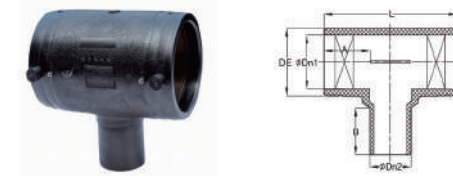
| Dn /MM | N.W. KG/PC |        | SIZE/MM |     |     |  |
|--------|------------|--------|---------|-----|-----|--|
|        | SDR11      | SDR17  | A       | L   | DE  |  |
| 20     | 0.045      | /      | 36      | 72  | 37  |  |
| 25     | 0.055      | /      | 38      | 80  | 37  |  |
| 32     | 0.065      | /      | 38      | 81  | 44  |  |
| 40     | 0.100      | /      | 43      | 91  | 54  |  |
| 50     | 0.145      | /      | 50      | 105 | 65  |  |
| 63     | 0.250      | /      | 55      | 113 | 83  |  |
| 75     | 0.300      | /      | 64      | 126 | 95  |  |
| 90     | 0.500      | /      | 68      | 138 | 115 |  |
| 110    | 0.760      | /      | 75      | 153 | 134 |  |
| 125    | 0.950      | /      | 79      | 158 | 151 |  |
| 140    | 1.300      | /      | 80      | 163 | 175 |  |
| 160    | 1.960      | /      | 95      | 195 | 197 |  |
| 180    | 2.300      | /      | 100     | 198 | 221 |  |
| 200    | 2.750      | /      | 95      | 200 | 238 |  |
| 225    | 3.650      | /      | 108     | 218 | 270 |  |
| 250    | 4.940      | /      | 109     | 228 | 301 |  |
| 280    | 7.450      | /      | 127     | 261 | 343 |  |
| 315    | 9.200      | /      | 135     | 277 | 390 |  |
| 355    | 13.250     | /      | 145     | 294 | 434 |  |
| 400    | 15.100     | 10.900 | 145     | 295 | 460 |  |
| 450    | /          | 14.500 | 174     | 348 | 502 |  |
| 500    | /          | 18.100 | 188     | 376 | 560 |  |
| 560    | /          | 26.500 | 193     | 385 | 640 |  |
| 630    | /          | 36.800 | 207     | 415 | 722 |  |

## Electrofusion 90°Elbow



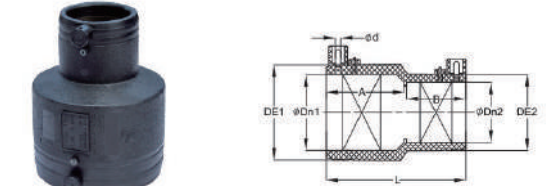
| Dn /MM | N.W. KG/PC |        | SIZE/MM |     |     |  |
|--------|------------|--------|---------|-----|-----|--|
|        | SDR11      | SDR17  | A       | L   | DE  |  |
| 20     | 0.050      | /      | 40      | 63  | 32  |  |
| 25     | 0.070      | /      | 41      | 72  | 37  |  |
| 32     | 0.090      | /      | 37      | 77  | 43  |  |
| 40     | 0.100      | /      | 45      | 91  | 51  |  |
| 50     | 0.190      | /      | 52      | 108 | 63  |  |
| 63     | 0.400      | /      | 52      | 129 | 82  |  |
| 75     | 0.490      | /      | 62      | 147 | 93  |  |
| 90     | 0.900      | /      | 65      | 166 | 114 |  |
| 110    | 1.400      | /      | 73      | 196 | 136 |  |
| 125    | 1.650      | /      | 81      | 217 | 151 |  |
| 140    | 2.225      | /      | 79      | 238 | 169 |  |
| 160    | 3.510      | /      | 92      | 272 | 193 |  |
| 180    | 4.450      | /      | 103     | 300 | 216 |  |
| 200    | 5.500      | /      | 106     | 320 | 235 |  |
| 225    | 8.150      | /      | 110     | 356 | 268 |  |
| 250    | 10.200     | /      | 115     | 390 | 310 |  |
| 280    | 13.500     | /      | 128     | 438 | 336 |  |
| 315    | 19.600     | /      | 132     | 480 | 370 |  |
| 355    | /          | 22.650 | 155     | 565 | 394 |  |
| 400    | /          | 34.650 | 200     | 641 | 470 |  |
| 450    | /          | 43.300 | 200     | 730 | 520 |  |
| 500    | /          | 63.670 | 200     | 758 | 580 |  |
| 560    | /          | 72.600 | 205     | 820 | 650 |  |

## Electrofusion Reducer Tee



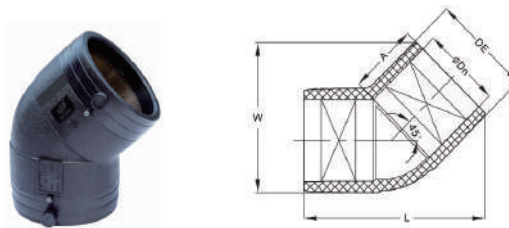
| Dn1xDn2x Dn1 /MM | N.W. KG/PC |     | SIZE/MM |     |     |     |    |  |
|------------------|------------|-----|---------|-----|-----|-----|----|--|
|                  | SDR11      |     | A       | B   | L   | W   | DE |  |
| 25x20x25         | 0.075      | 40  | 40      | 96  | 83  | 36  |    |  |
| 32x20x32         | 0.100      | 40  | 40      | 105 | 96  | 50  |    |  |
| 32x25x32         | 0.100      | 40  | 40      | 105 | 93  | 43  |    |  |
| 40x25x40         | 0.150      | 46  | 42      | 122 | 115 | 54  |    |  |
| 40x32x40         | 0.160      | 44  | 45      | 122 | 112 | 54  |    |  |
| 50x32x50         | 0.195      | 50  | 44      | 130 | 119 | 63  |    |  |
| 50x40x50         | 0.230      | 51  | 51      | 141 | 130 | 63  |    |  |
| 63x20x63         | 0.280      | 51  | 41      | 130 | 130 | 80  |    |  |
| 63x25x63         | 0.280      | 52  | 41      | 130 | 132 | 81  |    |  |
| 63x32x63         | 0.280      | 51  | 46      | 130 | 135 | 80  |    |  |
| 63x40x63         | 0.350      | 48  | 48      | 147 | 147 | 80  |    |  |
| 63x50x63         | 0.360      | 51  | 53      | 157 | 148 | 80  |    |  |
| 75x63x75         | 0.570      | 64  | 62      | 188 | 174 | 94  |    |  |
| 90x32x90         | 0.650      | 65  | 47      | 182 | 185 | 110 |    |  |
| 90x40x90         | 0.650      | 65  | 48      | 182 | 184 | 110 |    |  |
| 90x50x90         | 0.650      | 65  | 54      | 183 | 183 | 111 |    |  |
| 90x63x90         | 0.700      | 65  | 63      | 182 | 183 | 110 |    |  |
| 90x75x90         | 0.900      | 68  | 70      | 206 | 201 | 110 |    |  |
| 110x25x110       | 0.900      | 72  | 41      | 178 | 188 | 138 |    |  |
| 110x32x110       | 0.900      | 72  | 44      | 178 | 188 | 138 |    |  |
| 110x40x110       | 1.000      | 72  | 49      | 195 | 205 | 138 |    |  |
| 110x50x110       | 1.050      | 72  | 55      | 195 | 205 | 138 |    |  |
| 110x63x110       | 1.050      | 72  | 61      | 195 | 205 | 138 |    |  |
| 110x75x110       | 1.400      | 72  | 73      | 235 | 235 | 138 |    |  |
| 110x90x110       | 1.400      | 72  | 81      | 240 | 283 | 138 |    |  |
| 125x110x125      | 1.900      | 72  | 81      | 259 | 256 | 152 |    |  |
| 140x110x140      | 2.550      | 80  | 80      | 275 | 283 | 171 |    |  |
| 140x125x140      | 2.600      | 82  | 87      | 275 | 283 | 172 |    |  |
| 160x32x160       | 2.600      | 96  | 45      | 245 | 272 | 190 |    |  |
| 160x40x160       | 2.350      | 96  | 50      | 245 | 272 | 190 |    |  |
| 160x50x160       | 2.700      | 96  | 55      | 246 | 278 | 190 |    |  |
| 160x63x160       | 2.500      | 96  | 63      | 245 | 270 | 190 |    |  |
| 160x75x160       | 2.800      | 96  | 70      | 286 | 292 | 190 |    |  |
| 160x90x160       | 2.950      | 96  | 81      | 286 | 288 | 190 |    |  |
| 160x110x160      | 3.100      | 96  | 86      | 286 | 288 | 190 |    |  |
| 160x125x160      | 4.100      | 96  | 82      | 326 | 315 | 190 |    |  |
| 160x140x160      | 4.200      | 96  | 90      | 320 | 315 | 190 |    |  |
| 180x160x180      | 4.250      | 98  | 98      | 340 | 340 | 222 |    |  |
| 200x50x200       | 3.750      | 102 | 57      | 253 | 318 | 235 |    |  |
| 200x63x200       | 3.550      | 94  | 63      | 250 | 320 | 235 |    |  |
| 200x75x200       | 7.500      | 99  | 71      | 319 | 415 | 235 |    |  |
| 200x90x200       | 4.300      | 94  | 80      | 285 | 348 | 235 |    |  |
| 200x110x200      | 4.350      | 94  | 86      | 288 | 340 | 235 |    |  |
| 200x125x200      | 4.600      | 86  | 87      | 326 | 355 | 235 |    |  |
| 200x140x200      | 4.900      | 86  | 92      | 326 | 355 | 235 |    |  |
| 200x160x200      | 5.450      | 94  | 98      | 326 | 355 | 235 |    |  |
| 200x180x200      | 5.900      | 86  | 105     | 326 | 355 | 235 |    |  |
| 225x200x225      | 6.500      | 102 | 112     | 395 | 410 | 270 |    |  |
| 250x75x250       | 6.900      | 100 | 75      | 320 | 412 | 295 |    |  |
| 250x90x250       | 7.150      | 100 | 78      | 320 | 408 | 295 |    |  |
| 250x110x250      | 7.250      | 100 | 88      | 320 | 400 | 295 |    |  |
| 250x125x250      | 7.850      | 100 | 88      | 360 | 420 | 295 |    |  |
| 250x140x250      | 8.150      | 100 | 92      | 360 | 420 | 295 |    |  |
| 250x160x250      | 8.500      | 100 | 100     | 360 | 420 | 295 |    |  |
| 250x180x250      | 8.900      | 100 | 105     | 390 | 430 | 295 |    |  |
| 250x200x250      | 9.800      | 100 | 120     | 390 | 430 | 295 |    |  |
| 250x225x250      | 10.600     | 100 | 120     | 390 | 430 | 295 |    |  |
| 280x250x280      | 12.500     | 128 | 129     | 480 | 495 | 335 |    |  |
| 315x90x315       | 13.450     | 137 | 79      | 365 | 490 | 370 |    |  |
| 315x110x315      | 12.450     | 137 | 91      | 365 | 470 | 370 |    |  |
| 315x160x315      | 15.850     | 137 | 98      | 440 | 510 | 370 |    |  |
| 315x200x315      | 15.850     | 137 | 113     | 440 | 500 | 370 |    |  |
| 315x250x315      | 21.950     | 140 | 133     | 531 | 566 | 370 |    |  |

## Electrofusion Reducer



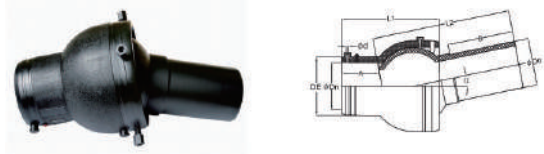
| Dn/MM   | N.W. KG/PC |     | SIZE/MM |     |     |     |     |  |
|---------|------------|-----|---------|-----|-----|-----|-----|--|
|         | SDR11      |     | A       | B   | L   | Dn1 | Dn2 |  |
| 25x20   | 0.055      | 41  | 40      | 84  | 25  | 20  |     |  |
| 32x20   | 0.065      | 44  | 40      | 89  | 32  | 20  |     |  |
| 32x25   | 0.070      | 46  | 40      | 88  | 32  | 25  |     |  |
| 40x20   | 0.080      | 50  | 41      | 94  | 40  | 20  |     |  |
| 40x25   | 0.085      | 50  | 41      | 95  | 40  | 25  |     |  |
| 40x32   | 0.090      | 50  | 44      | 96  | 40  | 32  |     |  |
| 50x32   | 0.120      | 55  | 44      | 104 | 50  | 32  |     |  |
| 50x40   | 0.130      | 55  | 50      | 106 | 50  | 40  |     |  |
| 63x32   | 0.185      | 53  | 50      | 114 | 63  | 32  |     |  |
| 63x40   | 0.190      | 58  | 49      | 112 | 63  | 40  |     |  |
| 63x50   | 0.210      | 63  | 54      | 120 | 63  | 50  |     |  |
| 75x50   | 0.270      | 65  | 58      | 128 | 75  | 50  |     |  |
| 75x63   | 0.350      | 73  | 62      | 139 | 75  | 63  |     |  |
| 90x50   | 0.400      | 75  | 56      | 146 | 90  | 50  |     |  |
| 90x63   | 0.450      | 64  | 55      | 146 | 90  | 63  |     |  |
| 90x75   | 0.450      | 75  | 62      | 140 | 90  | 75  |     |  |
| 110x63  | 0.700      | 76  | 70      | 163 | 110 | 63  |     |  |
| 110x75  | 0.750      | 82  | 68      | 160 | 110 | 75  |     |  |
| 110x90  | 0.750      | 74  | 73      | 155 | 110 | 90  |     |  |
| 125x75  | 0.900      | 86  | 62      | 158 | 125 | 75  |     |  |
| 125x110 | 1.050      | 86  | 67      | 172 | 125 | 110 |     |  |
| 140x110 | 1.350      | 92  | 82      | 184 | 140 | 110 |     |  |
| 160x90  | 1.700      | 91  | 89      | 200 | 140 | 90  |     |  |
| 160x110 | 1.700      | 93  | 89      | 196 | 160 | 110 |     |  |
| 160x125 | 1.800      | 105 | 99      | 225 | 160 | 125 |     |  |
| 180x160 | 2.350      | 104 | 88      | 207 | 180 | 160 |     |  |
| 200x90  | 2.750      | 107 | 84      | 235 | 200 | 90  |     |  |
| 200x110 | 2.850      | 111 | 76      | 226 | 200 | 110 |     |  |
| 200x160 | 3.000      | 107 | 100     | 229 | 200 | 160 |     |  |
| 225x200 | 4.150      | 117 | 108     | 236 | 225 | 200 |     |  |
| 250x110 | 5.150      | 128 | 106     | 285 | 250 | 110 |     |  |
| 250x160 | 5.200      | 128 | 126     | 271 | 250 | 160 |     |  |
| 250x200 | 5.050      | 126 | 113     | 252 | 250 | 200 |     |  |
| 280x250 | 7.350      | 139 | 124     | 271 | 280 | 250 |     |  |
| 315x160 | 9.350      | 145 | 130     | 340 | 315 | 160 |     |  |
| 315x200 | 9.150      | 145 | 130     | 315 | 315 | 200 |     |  |
| 315x250 | 9.300      | 145 | 135     | 320 | 315 | 250 |     |  |

## Electrofusion 45°Elbow



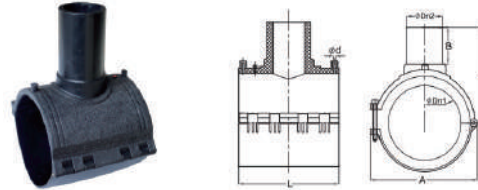
| Dn /MM | N.W. KG/PC |        | SIZE/MM |     |     |     |  |  |
|--------|------------|--------|---------|-----|-----|-----|--|--|
|        | SDR11      | SDR17  | A       | L   | W   | DE  |  |  |
| 25     | 0.060      | /      | 37      | 95  | 88  | 38  |  |  |
| 32     | 0.080      | /      | 42      | 94  | 102 | 44  |  |  |
| 40     | 0.105      | /      | 48      | 117 | 109 | 52  |  |  |
| 50     | 0.165      | /      | 48      | 136 | 126 | 65  |  |  |
| 63     | 0.270      | /      | 49      | 153 | 142 | 81  |  |  |
| 75     | 0.400      | /      | 61      | 179 | 162 | 95  |  |  |
| 90     | 0.600      | /      | 62      | 200 | 175 | 112 |  |  |
| 110    | 1.000      | /      | 71      | 216 | 218 | 135 |  |  |
| 125    | 1.350      | /      | 72      | 236 | 241 | 150 |  |  |
| 140    | 1.800      | /      | 83      | 261 | 263 | 170 |  |  |
| 160    | 2.700      | /      | 81      | 296 | 290 | 200 |  |  |
| 180    | 3.550      | /      | 100     | 310 | 315 | 217 |  |  |
| 200    | 4.000      | /      | 96      | 320 | 340 | 235 |  |  |
| 225    | 5.650      | /      | 110     | 367 | 391 | 268 |  |  |
| 250    | 7.250      | /      | 108     | 396 | 408 | 300 |  |  |
| 280    | 10.750     | /      | 133     | 445 | 490 | 332 |  |  |
| 315    | 14.400     | /      | 133     | 519 | 500 | 371 |  |  |
| 355    | /          | 15.550 | 158     | 589 | 402 | 403 |  |  |
| 400    | /          | 22.700 | 175     | 610 | 570 | 470 |  |  |
| 450    | /          | 30.000 | 180     | 650 | 640 | 520 |  |  |
| 500    | /          | 37.700 | 180     | 695 | 663 | 580 |  |  |
| 560    | /          | 58.000 | 185     | 758 | 763 | 650 |  |  |

### Electrofusion Adjustable Elbow



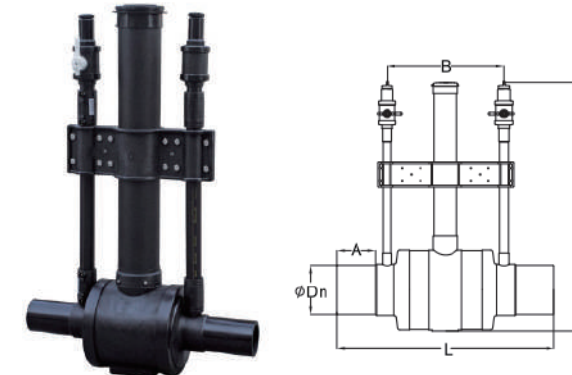
| Dn /MM | N.W. KG/PC | SIZE/MM |     |     |     |     | Packing Box Size/CM |      |      |   | PCS /CTN |
|--------|------------|---------|-----|-----|-----|-----|---------------------|------|------|---|----------|
|        | SDR11      | A       | B   | L1  | L2  | DE  | L                   | W    | H    |   |          |
| 110    | 3.5        | 98      | 159 | 236 | 335 | 134 | 42                  | 31   | 38   | 1 | 4        |
| 160    | 9          | 110     | 160 | 305 | 360 | 195 | 52                  | 31   | 38   | 1 | 1        |
| 200    | 13         | 117     | 148 | 305 | 385 | 245 | 64                  | 36.5 | 40.5 | 1 | 1        |
| 250    | 17.5       | 130     | 128 | 358 | 385 | 306 | 73                  | 41   | 40.5 | 1 | 1        |
| 315    | 35.3       | 135     | 150 | 435 | 510 | 390 | 97                  | 54   | 53   | 1 | 1        |

### Electrofusion Straight Saddle



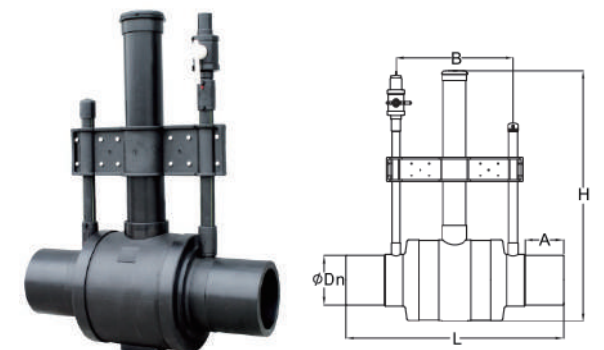
| Dn1xDn2 /MM | N.W.KG/PC | SIZE/MM |    |     |     |  |
|-------------|-----------|---------|----|-----|-----|--|
|             | SDR11     | A       | B  | L   | H   |  |
| 90x63       | 0.890     | 145     | 63 | 155 | 250 |  |
| 110x63      | 1.040     | 160     | 63 | 180 | 250 |  |
| 160x63      | 1.830     | 230     | 63 | 230 | 300 |  |
| 160x90      | 2.000     | 230     | 79 | 230 | 300 |  |
| 200x63      | 2.900     | 270     | 63 | 230 | 300 |  |
| 200x90      | 3.000     | 270     | 79 | 260 | 300 |  |
| 250x63      | 3.200     | 300     | 63 | 260 | 470 |  |
| 250x90      | 3.300     | 300     | 79 | 260 | 470 |  |
| 250x110     | 3.450     | 300     | 82 | 260 | 470 |  |
| 315x63      | 4.200     | 370     | 63 | 370 | 500 |  |
| 315x90      | 4.300     | 370     | 79 | 370 | 500 |  |
| 315x110     | 4.500     | 370     | 82 | 370 | 500 |  |

### Double Purge Ball Valve



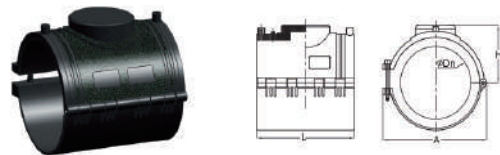
| Dn /MM | KG/PC  | SIZE/MM |     |      |      |     | Packing Box Size/CM |     |   |  | PCS/CTN |
|--------|--------|---------|-----|------|------|-----|---------------------|-----|---|--|---------|
|        | SDR11  | A       | B   | L    | H    | DE  | L                   | W   | H |  |         |
| 63     | 5.260  | 120     | 200 | 500  | 800  | 52  | 46                  | 90  | 2 |  | 2       |
| 90     | 14.310 | 130     | 320 | 645  | 950  | 74  | 51                  | 102 | 1 |  | 1       |
| 110    | 15.000 | 140     | 320 | 700  | 950  | 74  | 51                  | 102 | 1 |  | 1       |
| 160    | 23.000 | 140     | 360 | 770  | 1080 | 81  | 56.5                | 113 | 1 |  | 1       |
| 200    | 39.500 | 165     | 400 | 840  | 1150 | 90  | 61                  | 121 | 1 |  | 1       |
| 250    | 56.500 | 185     | 420 | 930  | 1150 | 100 | 66                  | 122 | 1 |  | 1       |
| 315    | 86.000 | 165     | 530 | 980  | 1250 | 106 | 68                  | 130 | 1 |  | 1       |
| 355    | 90.000 | 165     | 530 | 980  | 1250 | 106 | 68                  | 130 | 1 |  | 1       |
| 400    | 94.000 | 180     | 530 | 1010 | 1250 | 106 | 68                  | 130 | 1 |  | 1       |

### Single Purge Ball Valve



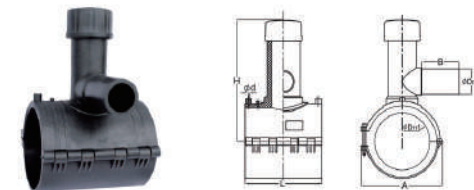
| Dn /MM | KG/PC  | SIZE/MM |     |      |      |     | Packing Box Size/CM |     |   |  | PCS/CTN |
|--------|--------|---------|-----|------|------|-----|---------------------|-----|---|--|---------|
|        | SDR11  | A       | B   | L    | H    | DE  | L                   | W   | H |  |         |
| 63     | 4.79   | 120     | 200 | 500  | 800  | 52  | 46                  | 90  | 2 |  | 2       |
| 90     | 13.780 | 130     | 320 | 645  | 950  | 74  | 51                  | 102 | 1 |  | 1       |
| 110    | 14.850 | 140     | 320 | 700  | 950  | 74  | 51                  | 102 | 1 |  | 1       |
| 160    | 22.000 | 140     | 360 | 770  | 1080 | 81  | 56.5                | 113 | 1 |  | 1       |
| 200    | 38.500 | 165     | 400 | 840  | 1150 | 90  | 61                  | 121 | 1 |  | 1       |
| 250    | 55.500 | 185     | 420 | 930  | 1150 | 100 | 66                  | 122 | 1 |  | 1       |
| 315    | 85.000 | 165     | 530 | 980  | 1250 | 106 | 68                  | 130 | 1 |  | 1       |
| 355    | 89.000 | 165     | 530 | 980  | 1250 | 106 | 68                  | 130 | 1 |  | 1       |
| 400    | 93.000 | 180     | 530 | 1010 | 1250 | 106 | 68                  | 130 | 1 |  | 1       |

### Electrofusion Repair Saddle



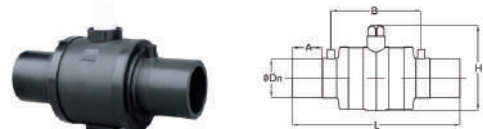
| Dn /MM | N.W. KG/PC | SIZE/MM |     |     |      |      | Packing Box Size/CM |    |  |  | PCS/CTN |
|--------|------------|---------|-----|-----|------|------|---------------------|----|--|--|---------|
|        | SDR11      | A       | L   | H   | DE   | L    | W                   | H  |  |  |         |
| 63     | 0.200      | 100     | 100 | 38  | 50.5 | 42.5 | 24.5                | 60 |  |  | 60      |
| 90     | 0.970      | 145     | 155 | 55  | 43   | 43   | 31.5                | 15 |  |  | 15      |
| 110    | 1.110      | 160     | 180 | 65  | 42   | 42   | 41                  | 8  |  |  | 8       |
| 160    | 1.950      | 230     | 230 | 132 | 50   | 26   | 42                  | 4  |  |  | 4       |
| 200    | 2.500      | 270     | 230 | 132 | 48   | 48   | 29                  | 4  |  |  | 4       |
| 250    | 2.890      | 300     | 260 | 152 | 56   | 54   | 32                  | 4  |  |  | 4       |
| 315    | 3.620      | 370     | 260 | 190 | 54   | 39   | 37                  | 2  |  |  | 2       |

### Electrofusion Tapping Saddle



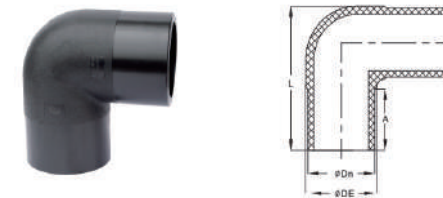
| Dn1xDn2 /MM | N.W. KG/PC | SIZE/MM |     |     |     |    | Packing Box Size/CM |    |    |  | PCS /CTN |
|-------------|------------|---------|-----|-----|-----|----|---------------------|----|----|--|----------|
|             | SDR11      | A       | B   | L   | H   | DE | L                   | W  | H  |  |          |
| 63x32       | 0.460      | 100     | 86  | 100 | 140 | 64 | 40                  | 33 | 20 |  | 20       |
| 90x63       | 2.300      | 145     | 110 | 155 | 250 | 64 | 40                  | 33 | 6  |  | 6        |
| 110x63      | 2.470      | 160     | 110 | 180 | 250 | 64 | 40                  | 33 | 4  |  | 4        |
| 160x63      | 3.230      | 230     | 110 | 230 | 300 | 42 | 46                  | 34 | 2  |  | 2        |
| 160x90      | 4.490      | 230     | 130 | 230 | 300 | 42 | 46                  | 34 | 2  |  | 2        |
| 200x63      | 3.390      | 270     | 110 | 230 | 300 | 42 | 46                  | 34 | 2  |  | 2        |
| 200x90      | 4.810      | 270     | 130 | 230 | 420 | 54 | 46                  | 36 | 2  |  | 2        |
| 200x110     | 5.940      | 270     | 130 | 230 | 420 | 54 | 46                  | 36 | 2  |  | 2        |
| 250x90      | 5.860      | 300     | 130 | 260 | 470 | 62 | 52                  | 39 | 2  |  | 2        |
| 250x110     | 6.600      | 300     | 130 | 260 | 470 | 62 | 52                  | 39 | 2  |  | 2        |
| 315x90      | 6.600      | 370     | 130 | 260 | 500 | 67 | 52                  | 46 | 2  |  | 2        |
| 315x110     | 7.410      | 370     | 130 | 260 | 500 | 67 | 52                  | 46 | 2  |  | 2        |

### No Purge Ball Valve



| Dn /MM | KG/PC  | SIZE/MM |     |      |     |     | Packing Box Size/CM |     |   |  | PCS /CTN |
|--------|--------|---------|-----|------|-----|-----|---------------------|-----|---|--|----------|
|        | SDR11  | A       | B   | L    | H   | DE  | L                   | W   | H |  |          |
| 63     | 3.000  | 120     | 200 | 500  | 180 | 52  | 46                  | 35  | 2 |  | 2        |
| 90     | 10.000 | 130     | 320 | 645  | 350 | 74  | 31                  | 40  | 1 |  | 1        |
| 110    | 11.500 | 140     | 320 | 700  | 350 | 74  | 37                  | 40  | 1 |  | 1        |
| 160    | 20.000 | 140     | 360 | 770  | 450 | 81  | 36.5                | 50  | 1 |  | 1        |
| 200    | 33.000 | 165     | 400 | 840  | 500 | 90  | 41                  | 55  | 1 |  | 1        |
| 250    | 49.000 | 185     | 420 | 930  | 500 | 100 | 46                  | 55  | 1 |  | 1        |
| 315    | 80.000 | 165     | 530 | 980  | 650 | 106 | 58                  | 70  | 1 |  | 1        |
| 355    | 84.000 | 165     | 530 | 980  | 650 | 100 | 46                  | 122 | 1 |  | 1        |
| 400    | 88.000 | 180     | 530 | 1010 | 650 | 106 | 58                  | 130 | 1 |  | 1        |

### Butt Fusion 90° Elbow



| Dn /MM | N.W. KG/PC |        | SIZE/MM |     | DE  |
|--------|------------|--------|---------|-----|-----|
|        | SDR11      | SDR17  | A       | L   |     |
| 40     | 0.040      | /      | 47      | 98  | 40  |
| 50     | 0.100      | /      | 52      | 113 | 50  |
| 63     | 0.250      | /      | 55      | 128 | 63  |
| 75     | 0.350      | 0.300  | 74      | 157 | 75  |
| 90     | 0.650      | 0.400  | 79      | 185 | 90  |
| 110    | 1.050      | 1.000  | 85      | 209 | 110 |
| 125    | 1.400      | 1.050  | 88      | 230 | 125 |
| 140    | 1.900      | 1.200  | 85      | 230 | 140 |
| 160    | 2.650      | 1.950  | 97      | 280 | 160 |
| 180    | 3.550      | 2.500  | 100     | 297 | 180 |
| 200    | 4.850      | 3.500  | 115     | 330 | 200 |
| 225    | 6.650      | 4.850  | 114     | 330 | 225 |
| 250    | 9.100      | 6.400  | 129     | 390 | 250 |
| 280    | 12.150     | 8.850  | 137     | 400 | 280 |
| 315    | 18.000     | 13.100 | 153     | 460 | 315 |
| 355    | 25.300     | 17.100 | 140     | 480 | 355 |
| 400    | 32.200     | 22.450 | 144     | 590 | 400 |
| 450    | /          | 32.250 | 160     | 640 | 450 |
| 500    | /          | 42.100 | 160     | 695 | 500 |
| 560    | /          | 58.000 | 150     | 750 | 560 |
| 630    | /          | 72.200 | 150     | 810 | 630 |

### Butt Fusion 45° Elbow

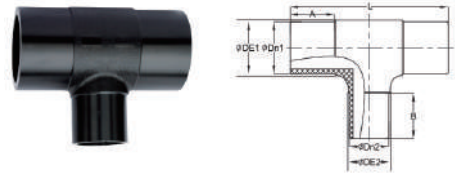


| Dn /MM | N.W. KG/PC |        | SIZE/MM |     |     | DE  |
|--------|------------|--------|---------|-----|-----|-----|
|        | SDR11      | SDR17  | A       | L   | W   |     |
| 40     | 0.050      | /      | 46      | 127 | 80  | 40  |
| 50     | 0.100      | /      | 52      | 146 | 90  | 50  |
| 63     | 0.150      | /      | 55      | 160 | 105 | 63  |
| 75     | 0.300      | /      | 71      | 197 | 125 | 75  |
| 90     | 0.500      | /      | 76      | 224 | 145 | 90  |
| 110    | 0.800      | 0.550  | 77      | 235 | 172 | 110 |
| 125    | 1.050      | 0.800  | 79      | 266 | 190 | 125 |
| 140    | 1.400      | 1.000  | 81      | 295 | 210 | 140 |
| 160    | 2.050      | 1.550  | 98      | 337 | 240 | 160 |
| 180    | 2.800      | 2.050  | 106     | 375 | 265 | 180 |
| 200    | 3.800      | 2.900  | 113     | 340 | 288 | 200 |
| 225    | 4.650      | 3.300  | 107     | 360 | 312 | 225 |
| 250    | 6.850      | 5.450  | 131     | 425 | 345 | 250 |
| 280    | 12.100     | 6.500  | 135     | 510 | 385 | 280 |
| 315    | 13.400     | 9.550  | 152     | 525 | 430 | 315 |
| 355    | 16.600     | 12.050 | 150     | 555 | 490 | 355 |
| 400    | 22.350     | 16.300 | 155     | 620 | 550 | 400 |
| 450    | /          | 25.400 | 160     | 660 | 590 | 450 |
| 500    | /          | 30.100 | 160     | 720 | 660 | 500 |
| 560    | /          | 37.500 | 150     | 760 | 690 | 560 |
| 630    | /          | 42.500 | 150     | 790 | 750 | 630 |

All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

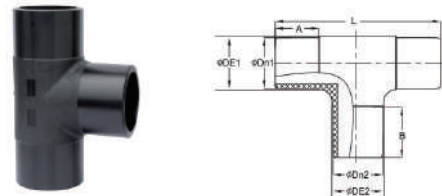
All our HDPE pipe fittings comply with EN12201-3, ISO 4427-3 standard.

## Butt Fusion Reducer Tee



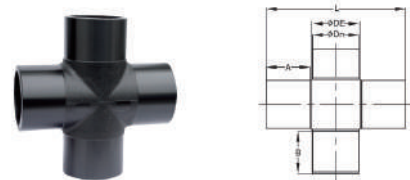
| Dn /MM      | N.W. KG/PC |        | SIZE/MM |     |     |     |     |     |  |
|-------------|------------|--------|---------|-----|-----|-----|-----|-----|--|
|             | SDR11      | SDR17  | A       | B   | L   | W   | De1 | De2 |  |
| 40x32x40    | 0.100      | /      | 46      | 45  | 160 | 109 | 42  | 34  |  |
| 50x32*50    | 0.161      | /      | 50      | 45  | 176 | 117 | 52  | 34  |  |
| 50x40x50    | 0.200      | /      | 50      | 49  | 176 | 117 | 52  | 42  |  |
| 63*32x63    | 0.250      | /      | 56      | 45  | 181 | 133 | 65  | 34  |  |
| 63x40x63    | 0.250      | /      | 56      | 49  | 189 | 137 | 65  | 42  |  |
| 63x50x63    | 0.250      | /      | 56      | 55  | 199 | 144 | 65  | 52  |  |
| 75x40x75    | 0.350      | /      | 64      | 49  | 207 | 149 | 77  | 42  |  |
| 75x50x75    | 0.400      | /      | 64      | 55  | 217 | 156 | 77  | 52  |  |
| 75x63x75    | 0.400      | /      | 64      | 63  | 230 | 164 | 77  | 65  |  |
| 90x32x90    | 0.600      | /      | 80      | 45  | 261 | 147 | 92  | 34  |  |
| 90x40x90    | 0.625      | /      | 80      | 49  | 261 | 158 | 92  | 42  |  |
| 90x50x90    | 0.650      | /      | 80      | 55  | 223 | 170 | 92  | 52  |  |
| 90x63*90    | 0.700      | /      | 80      | 63  | 261 | 165 | 92  | 65  |  |
| 90x75x90    | 0.750      | /      | 80      | 76  | 263 | 175 | 92  | 77  |  |
| 110x32x110  | 0.900      | 0.630  | 82      | 47  | 254 | 182 | 116 | 34  |  |
| 110x40x110  | 0.900      | 0.650  | 82      | 50  | 254 | 190 | 116 | 42  |  |
| 110x50x110  | 0.950      | 0.750  | 82      | 55  | 199 | 192 | 116 | 52  |  |
| 110x63x110  | 1.050      | 0.800  | 82      | 63  | 264 | 198 | 116 | 65  |  |
| 110x75x110  | 1.000      | 0.750  | 82      | 70  | 278 | 200 | 116 | 77  |  |
| 110x90x110  | 1.250      | 0.850  | 82      | 84  | 290 | 210 | 116 | 96  |  |
| 125x75x125  | 1.500      | 1.050  | 81      | 70  | 276 | 225 | 125 | 75  |  |
| 125x90x125  | 1.610      | 1.100  | 81      | 79  | 291 | 235 | 125 | 90  |  |
| 125x110x125 | 1.850      | 1.300  | 81      | 82  | 312 | 234 | 131 | 116 |  |
| 140x90x140  | 2.050      | 1.300  | 83      | 79  | 295 | 248 | 140 | 90  |  |
| 140x110x140 | 2.150      | 1.420  | 83      | 82  | 316 | 250 | 140 | 110 |  |
| 140x125x140 | 2.230      | 1.580  | 83      | 87  | 331 | 250 | 140 | 125 |  |
| 160x50x160  | 2.100      | 1.400  | 99      | 56  | 282 | 240 | 166 | 52  |  |
| 160x63x160  | 2.270      | 1.600  | 99      | 65  | 300 | 240 | 166 | 65  |  |
| 160x90x160  | 2.450      | 1.750  | 99      | 85  | 316 | 260 | 166 | 96  |  |
| 160x110x160 | 2.750      | 1.950  | 99      | 90  | 335 | 280 | 166 | 116 |  |
| 160x125x160 | 3.050      | 2.050  | 99      | 87  | 363 | 276 | 166 | 131 |  |
| 160*140x160 | 3.200      | 2.350  | 99      | 92  | 378 | 281 | 166 | 146 |  |
| 180x125*180 | 4.030      | 2.790  | 101     | 87  | 367 | 296 | 186 | 131 |  |
| 180x140x180 | 4.250      | 2.900  | 101     | 92  | 382 | 315 | 186 | 146 |  |
| 180x160x180 | 4.400      | 3.010  | 101     | 99  | 402 | 309 | 186 | 166 |  |
| 200x63x200  | 3.650      | 2.600  | 112     | 66  | 325 | 300 | 206 | 65  |  |
| 200x90x200  | 4.100      | 2.900  | 112     | 85  | 355 | 315 | 206 | 96  |  |
| 200*110x200 | 4.480      | 3.250  | 112     | 90  | 375 | 320 | 206 | 116 |  |
| 200x140x200 | 5.100      | 3.600  | 112     | 92  | 385 | 329 | 206 | 146 |  |
| 200x160*200 | 5.340      | 3.900  | 112     | 112 | 420 | 340 | 206 | 166 |  |
| 200x180x200 | 5.400      | 4.850  | 112     | 105 | 425 | 336 | 206 | 186 |  |
| 225x110x225 | 5.450      | 5.480  | 111     | 82  | 380 | 345 | 235 | 116 |  |
| 225x160x225 | 7.370      | 5.710  | 111     | 99  | 423 | 355 | 235 | 166 |  |
| 225x180x225 | 7.700      | 5.950  | 111     | 105 | 443 | 361 | 235 | 186 |  |
| 225x200x225 | 8.100      | 6.200  | 111     | 112 | 465 | 367 | 235 | 206 |  |
| 250x90x250  | 6.450      | 4.850  | 135     | 80  | 380 | 370 | 260 | 96  |  |
| 250x110x250 | 7.400      | 5.300  | 135     | 85  | 406 | 375 | 260 | 116 |  |
| 250x160x250 | 9.100      | 6.800  | 135     | 105 | 480 | 400 | 260 | 166 |  |
| 250x180x250 | 9.850      | 6.680  | 135     | 105 | 500 | 400 | 260 | 186 |  |
| 250x200x250 | 10.050     | 7.080  | 135     | 115 | 500 | 410 | 260 | 206 |  |
| 250x225x250 | 10.350     | 7.600  | 135     | 120 | 500 | 415 | 260 | 235 |  |
| 280x200x280 | 13.350     | 9.700  | 131     | 112 | 506 | 422 | 290 | 206 |  |
| 280x225x280 | 13.950     | 10.550 | 131     | 120 | 529 | 430 | 290 | 235 |  |
| 280x250x280 | 14.800     | 11.200 | 131     | 129 | 564 | 442 | 290 | 260 |  |
| 315x110x315 | 12.200     | 9.200  | 150     | 90  | 445 | 430 | 330 | 116 |  |
| 315*160x315 | 14.200     | 11.100 | 150     | 105 | 520 | 450 | 330 | 166 |  |
| 315x200x315 | 16.300     | 12.180 | 150     | 128 | 540 | 460 | 330 | 206 |  |
| 315*225x315 | 16.150     | 12.200 | 150     | 120 | 575 | 466 | 330 | 235 |  |
| 315x250x315 | 17.400     | 13.100 | 150     | 129 | 604 | 478 | 330 | 260 |  |
| 315x280x315 | 18.300     | 14.200 | 150     | 139 | 630 | 491 | 330 | 290 |  |
| 355*250x355 | 26.000     | 19630  | 165     | 160 | 640 | 543 | 370 | 260 |  |
| 355x280x355 | 26.500     | 20.100 | 147     | 139 | 632 | 530 | 370 | 290 |  |
| 355x315*355 | 28.700     | 21.000 | 147     | 150 | 673 | 544 | 370 | 330 |  |
| 400x280*400 | 34.100     | 20.500 | 147     | 139 | 632 | 570 | 415 | 290 |  |
| 400x315*400 | 35480      | 22.500 | 147     | 139 | 673 | 570 | 415 | 330 |  |
| 400x355x400 | 37.900     | 25.300 | 147     | 139 | 719 | 570 | 415 | 370 |  |
| 630x400x630 | /          | 88.000 | 210     | 170 | 990 | 900 | 645 | 413 |  |

## Butt Fusion Equal Tee



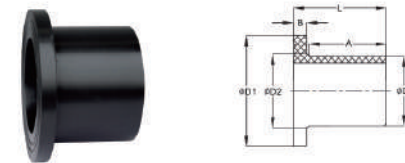
| Dn /MM      | N.W. KG/PC |         | SIZE/MM |     |      |     |       |  |  |
|-------------|------------|---------|---------|-----|------|-----|-------|--|--|
|             | SDR11      | SDR17   | A       | B   | L    | W   | De1/2 |  |  |
| 40x40x40    | 0.113      | /       | 50      | 50  | 160  | 100 | 42    |  |  |
| 50x50x50    | 0.194      | /       | 53      | 53  | 184  | 118 | 52    |  |  |
| 63x63x63    | 0.350      | /       | 63      | 63  | 218  | 140 | 65    |  |  |
| 75x75x75    | 0.530      | /       | 65      | 70  | 243  | 171 | 77    |  |  |
| 90x90x90    | 0.900      | /       | 79      | 79  | 274  | 188 | 96    |  |  |
| 110x110x110 | 1.400      | 1.050   | 82      | 82  | 304  | 210 | 116   |  |  |
| 125x125x125 | 1.850      | 1.350   | 88      | 92  | 326  | 234 | 131   |  |  |
| 140x140x140 | 2.410      | 1.800   | 94      | 98  | 356  | 258 | 146   |  |  |
| 160x160x160 | 3.680      | 2.950   | 100     | 100 | 390  | 280 | 166   |  |  |
| 180x180x180 | 4.800      | 3.600   | 104     | 104 | 423  | 325 | 186   |  |  |
| 200x200x200 | 7.000      | 5.200   | 116     | 120 | 470  | 340 | 206   |  |  |
| 225x225x225 | 8.430      | 6.800   | 107     | 114 | 489  | 353 | 235   |  |  |
| 250x250x250 | 12.950     | 9.000   | 130     | 140 | 550  | 430 | 260   |  |  |
| 280x280x280 | 15.900     | 12.000  | 130     | 139 | 600  | 456 | 290   |  |  |
| 315x315x315 | 24.000     | 18.700  | 150     | 150 | 640  | 550 | 330   |  |  |
| 355x355x355 | 34.300     | 25.900  | 164     | 164 | 730  | 550 | 370   |  |  |
| 400x400x400 | 40.500     | 30.300  | 140     | 150 | 720  | 580 | 415   |  |  |
| 450x450x450 | /          | 43.300  | 130     | 175 | 800  | 682 | 470   |  |  |
| 500x500x500 | /          | 58.700  | 128     | 190 | 857  | 751 | 520   |  |  |
| 560x560x560 | /          | 81.300  | 128     | 195 | 912  | 814 | 580   |  |  |
| 630x630x630 | /          | 108.900 | 150     | 220 | 1000 | 899 | 650   |  |  |

## Butt Fusion Equal Cross Tee



| Dn/MM           | N.W.KG/PC |        | SIZE/MM |     |     |     |  |
|-----------------|-----------|--------|---------|-----|-----|-----|--|
|                 | SDR11     | SDR17  | A       | B   | L   | DE  |  |
| 63x63x63x63     | 0.470     | 1      | 63      | 63  | 218 | 63  |  |
| 75x75x75x75     | 0.660     | 1      | 65      | 70  | 243 | 75  |  |
| 90x90x90x90     | 1.120     | 1      | 79      | 79  | 274 | 90  |  |
| 110x110x110x110 | 1.820     | 1.340  | 82      | 82  | 304 | 110 |  |
| 125x125x125x125 | 2.200     | 1.510  | 88      | 92  | 326 | 125 |  |
| 140x140x140x140 | 2.900     | 2.020  | 94      | 98  | 356 | 140 |  |
| 160x160x160x160 | 4.910     | 3.900  | 100     | 100 | 390 | 160 |  |
| 180x180x180x180 | 5.500     | 4.200  | 104     | 104 | 423 | 180 |  |
| 200x200x200x200 | 9.300     | 6.900  | 116     | 116 | 470 | 200 |  |
| 225x225x225x225 | 10.200    | 7.200  | 107     | 114 | 489 | 225 |  |
| 250x250x250x250 | 17.270    | 12.000 | 130     | 130 | 550 | 250 |  |
| 280x280x280x280 | 18.400    | 13.200 | 130     | 139 | 600 | 280 |  |
| 315x315x315x315 | 32.000    | 24.900 | 150     | 150 | 640 | 315 |  |
| 355x355x355x355 | 45.700    | 34.500 | 164     | 164 | 730 | 355 |  |
| 400x400x400x400 | 48.200    | 33.900 | 140     | 140 | 720 | 400 |  |

## Butt Fusion Flange Adapter



| Dn /MM | N.W. KG/PC |        | SIZE /MM |    |     |     |     |      |      | Packing Box Size/CM |     |  |  | PC/CS |
|--------|------------|--------|----------|----|-----|-----|-----|------|------|---------------------|-----|--|--|-------|
|        | SDR11      | SDR17  | A        | B  | L   | D1  | D2  | L    | W    | H                   |     |  |  |       |
| 40     | 0.050      | /      | 69       | 13 | 82  | 76  | 49  | 58   | 39   | 36                  | 200 |  |  |       |
| 50     | 0.100      | /      | 67       | 13 | 82  | 85  | 55  | 58   | 39   | 36                  | 200 |  |  |       |
| 63     | 0.200      | /      | 82       | 15 | 88  | 102 | 66  | 58   | 39   | 36                  | 200 |  |  |       |
| 75     | 0.250      | /      | 87       | 15 | 104 | 121 | 73  | 64   | 39.5 | 35                  | 200 |  |  |       |
| 90     | 0.450      | 0.300  | 93       | 20 | 119 | 135 | 89  | 68   | 28   | 30                  | 250 |  |  |       |
| 110    | 0.650      | 0.550  | 104      | 20 | 128 | 158 | 108 | 66   | 42   | 29                  | 300 |  |  |       |
| 125    | 0.700      | 0.600  | 96       | 21 | 123 | 160 | 120 | 58   | 39   | 36                  | 24  |  |  |       |
| 140    | 0.950      | 0.750  | 98       | 21 | 124 | 186 | 132 | 58   | 39   | 36                  | 16  |  |  |       |
| 160    | 1.500      | 1.300  | 110      | 21 | 143 | 210 | 182 | 62   | 42   | 42                  | 3   |  |  |       |
| 180    | 1.950      | 1.500  | 118      | 26 | 151 | 215 | 164 | 54   | 39.5 | 41                  | 12  |  |  |       |
| 200    | 2.400      | 2.200  | 127.6    | 26 | 163 | 265 | 188 | 55   | 35.5 | 50                  | 8   |  |  |       |
| 225    | 2.900      | 2.600  | 116      | 30 | 159 | 273 | 208 | 78.5 | 34.5 | 29                  | 10  |  |  |       |
| 250    | 4.100      | 2.850  | 157      | 30 | 188 | 316 | 232 | 58   | 39   | 36                  | 4   |  |  |       |
| 280    | 4.900      | 3.200  | 149      | 34 | 191 | 320 | 290 | 35   | 35   | 40                  | 2   |  |  |       |
| 315    | 6.550      | 4.650  | 170      | 33 | 209 | 372 | 282 | 39   | 39   | 39                  | 1   |  |  |       |
| 355    | 8.350      | 6.350  | 183      | 36 | 232 | 428 | 322 | 45   | 45   | 44                  | 1   |  |  |       |
| 400    | 11.300     | 8.450  | 182.4    | 36 | 203 | 480 | 384 | 50   | 50   | 23                  | 1   |  |  |       |
| 450    | 13.500     | 12.450 | 170.4    | 50 | 230 | 529 | 428 | 54   | 54   | 23                  | 1   |  |  |       |
| 500    | 15.000     | 15.000 | 176      | 50 | 240 | 585 | 474 | 59   | 59   | 23                  | 1   |  |  |       |
| 560    | /          | 19.950 | 190      | 50 | 250 | 660 | 526 | 67   | 67   | 25                  | 1   |  |  |       |
| 630    | /          | 26.500 | 190      | 50 | 240 | 690 | 590 | 69   | 69   | 25                  | 1   |  |  |       |
| 710    | /          | 31.000 | 190      | 50 | 240 | 735 | 735 | 79   | 79   | 25                  | 1   |  |  |       |
| 800    | /          | 49.900 | 190      | 55 | 240 | 880 | 824 | 91   | 91   | 26                  | 1   |  |  |       |
| 900    | /          | 51.200 | 190      | 55 | 250 | 990 | 926 | 100  | 100  | 26                  | 1   |  |  |       |
| 1000   | /          | /      | /        | /  | /   | /   | /   | /    | /    | /                   | /   |  |  |       |