PLASSON® AUSTRALIA

# TEE LONG SPIGOT

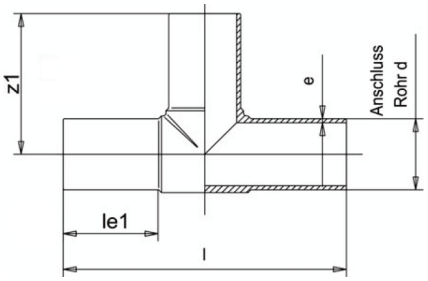
**8103 / 8193**

The SIMONA equal tee long spigot provides a 90° branch of the same size off a PE100 pipe main. Long spigots on all three ends allow the tee to be welded to the pipe by electrofusion or butt fusion. Made from high quality PE100-RC (crack resistant) resins, the range covers 25mm to 630mm in SDR11 (PN16) and 50mm to 630mm in SDR17 (PN10) and is suitable for potable and recycled water, sewer, gas, compressed air, mining and other industrial applications.

## FEATURES AND BENEFITS

- High quality PE100-RC resins
- Long spigots on all three ends suitable for electrofusion or butt fusion jointing
- Equal 90° branch for a full bore take-off from the main
- SDR11 and SDR17 wall thickness options to match the pipe
- Wide size range from 25mm to 630mm
- Spigot fittings conform to AS/NZS 4129






| Product Code | Size d | z1 | le1 | l | e | PN | SDR |
|---|---|---|---|---|---|---|---|
| 8103084 | 25 | 60 | 41 | 120 | 2.3 | 16 | 11 |
| 8103053 | 32 | 67 | 46 | 139 | 2.9 | 16 | 11 |
| 8103054 | 40 | 82 | 52 | 165 | 3.7 | 16 | 11 |
| 8103055 | 50 | 92 | 57 | 184 | 4.6 | 16 | 11 |
| 8103056 | 63 | 105 | 65 | 216 | 5.8 | 16 | 11 |
| 8103057 | 75 | 122 | 72 | 248 | 6.8 | 16 | 11 |
| 8103058 | 90 | 137 | 80 | 277 | 8.2 | 16 | 11 |
| 8103059 | 110 | 162 | 88 | 321 | 10 | 16 | 11 |
| 8103060 | 125 | 176 | 98 | 350 | 11.4 | 16 | 11 |
| 8103061 | 140 | 200 | 104 | 399 | 12.7 | 16 | 11 |
| 8103062 | 160 | 206 | 104 | 413 | 14.6 | 16 | 11 |
| 8103063 | 180 | 260 | 143 | 528 | 16.4 | 16 | 11 |
| 8103064 | 200 | 253 | 124 | 505 | 18.2 | 16 | 11 |
| 8103065 | 225 | 278 | 129 | 559 | 20.5 | 16 | 11 |
| 8103066 | 250 | 291 | 132 | 582 | 22.7 | 16 | 11 |
| 8103067 | 280 | 312 | 133 | 622 | 25.4 | 16 | 11 |
| 8103068 | 315 | 351 | 153 | 690 | 28.6 | 16 | 11 |
| 8193001 | 355 | 414 | 167 | 829 | 32.2 | 16 | 11 |
| 8193002 | 400 | 457 | 198 | 913 | 36.3 | 16 | 11 |
| 8193003 | 450 | 477 | 198 | 954 | 40.9 | 16 | 11 |
| 8193004 | 500 | 525 | 218 | 1050 | 45.4 | 16 | 11 |
| 8100546 | 560 | 600 | 245 | 1200 | 50.8 | 16 | 11 |
| 8100547 | 630 | 650 | 265 | 1300 | 57.2 | 16 | 11 |
| 8103069 | 50 | 90 | 57 | 184 | 3 | 10 | 17 |
| 8103070 | 63 | 106 | 64 | 214 | 3.8 | 10 | 17 |
| 8103071 | 75 | 122 | 72 | 246 | 4.5 | 10 | 17 |
| 8103072 | 90 | 137 | 81 | 277 | 5.4 | 10 | 17 |
| 8103073 | 110 | 161 | 84 | 321 | 6.6 | 10 | 17 |
| 8103074 | 125 | 174 | 100 | 345 | 7.4 | 10 | 17 |
| 8103075 | 140 | 197 | 104 | 395 | 8.3 | 10 | 17 |
| 8103076 | 160 | 206 | 104 | 410 | 9.5 | 10 | 17 |
| 8103077 | 180 | 260 | 141 | 525 | 10.7 | 10 | 17 |
| 8103078 | 200 | 250 | 123 | 501 | 11.9 | 10 | 17 |
| 8103079 | 225 | 276 | 129 | 555 | 13.4 | 10 | 17 |
| 8103080 | 250 | 288 | 132 | 576 | 14.8 | 10 | 17 |
| 8103081 | 280 | 309 | 132 | 617 | 16.6 | 10 | 17 |
| 8103082 | 315 | 346 | 153 | 695 | 18.7 | 10 | 17 |
| 8193005 | 355 | 408 | 165 | 818 | 21.1 | 10 | 17 |
| 8193006 | 400 | 455 | 197 | 910 | 23.7 | 10 | 17 |
| 8193007 | 450 | 478 | 197 | 955 | 26.7 | 10 | 17 |
| 8193008 | 500 | 525 | 218 | 1050 | 29.7 | 10 | 17 |
| 8100544 | 560 | 623 | 245 | 1246 | 33.2 | 10 | 17 |
| 8100545 | 630 | 675 | 265 | 1350 | 37.4 | 10 | 17 |

Dimensions in mm.

## MATERIALS

- **Body:** PE100-RC

## INSTALLATION

Plasson Australia recommend electrofusion jointing as per POP001 – Electrofusion Jointing of PE Pipe and Fittings for Pressure Applications, or butt fusion jointing as per POP003 – Butt Fusion Jointing of PE Pipes and Fittings, as published by Plastics Industry Pipe Association of Australia (PIPA). These are free to download from https://pipa.com.au

## OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.
Link: https://pipa.com.au/technical/pop-guidelines/

## CHEMICAL RESISTANCE

Simona spigot fittings are made from high quality PE100-RC (crack resistant) resins. For chemical purposes they are considered as being made from HDPE, high density polyethylene.

## MANUFACTURED BY SIMONA

Plasson Australia is the exclusive Australian distribution partner of SIMONA AG. Headquartered in Kirn, Germany, SIMONA is a leading manufacturer of high quality thermoplastic products with production facilities and sales offices worldwide.

## QUALITY CERTIFICATES

Simona fittings are tested and approved according to AS/NZS 4129:2020. These fittings are included in schedules for ISO Type 5 Certificate of Conformity and WSAA Appraisals.
Electrofusion and spigot fittings are batch controlled. Record the batch number on the fitting label and contact Plasson Australia for a copy of the EN 10204 3.1 Inspection Certificate.