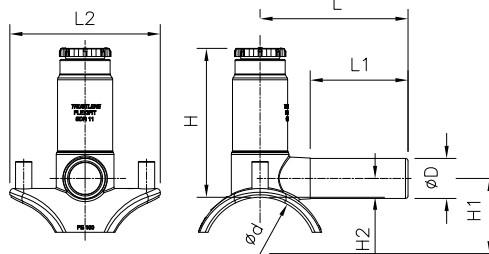


Electrofusion Flexi-Fit Tapping Tee for Gas - SDR11 (ISO S5)



| dx d1 | PRODUCT CODE PE80 Yellow 4.7 mm Pin Terminal | SP | g | L | L ₁ | L ₂ | H | H ₁ | H ₂ | F-T | C-T |
|-------------|--|----|-----|-----|----------------|----------------|-----|----------------|----------------|-----|-----|
| 63-75X20* | 201490401010101 | 24 | 241 | 118 | 76 | 120 | 119 | 47 | 15 | 70 | 4 |
| 63-75X32 | 201490101010101 | 20 | 274 | 118 | 76 | 120 | 119 | 47 | 15 | 70 | 4 |
| 90-140X20* | 201490501010101 | 20 | 233 | 118 | 76 | 120 | 119 | 60 | 15 | 70 | 4 |
| 90-140X32 | 201490201010101 | 20 | 266 | 118 | 76 | 120 | 119 | 60 | 15 | 70 | 4 |
| 160-225X20* | 201490601010101 | 24 | 292 | 130 | 76 | 120 | 136 | 98 | 15 | 80 | 4 |
| 160-225X32 | 201490301010101 | 20 | 315 | 130 | 76 | 120 | 136 | 98 | 15 | 80 | 4 |

*under Approval

Note : SP = Standard Pack Quantity, g = Weight in Grams, F-T = Fusion Time in Seconds, C-T = Cooling Time in Minutes
One product covers a range of main pipe sizes providing advantage of low inventory cost to the end user.

Kimplas Electrofusion Flexi-Fit Tapping Tees, manufactured in PE80 (Yellow) grade are Standard SDR 11 rated. For exact recommendations on compatibility for welding with SDR 9 through SDR 21, refer Kimplas Technical Specifications manual.

Kimplas Electrofusion Flexi-Fit Tapping Tees are suitable for Tapping from PE80 pipes.

Standards:

- PE Pipe Compatibility : IS:14885, ISO:4437, EN:1555-1, GIS PL 2 / 2
- Complies with GIS PL 2 / 4

Common Applications:

- ✓ Tapping from Charged or Uncharged network for House Service Connections
- ✓ Branch connections
- ✓ Tapping connections in areas difficult to access in narrow trenches

Installation :

Joint preparation must be done as specified in the installation instructions. Pipe outside surface must be scraped to remove oxidized layer. Before fusing, scraped pipe-surface and matt area of the fittings must be cleaned to remove dirt and contamination. Complete Installation Manual may downloaded.

Advantages :

- Standard Operating Voltage - 40 V
- Same Fusion time for various SDR rated pipes
- Auto Temperature compensation for ambient conditions -5°C to +40°C
- Top load takes care of TT base radius matching (alignment) with pipe OD even in case of ovality of coiled pipes
- Optimal fusion and cold zone for a sturdy joint
- Pop-Up fusion indicators to indicate fusion process performance
- Integral Brass cutter. Once TT fused, Cutter cannot be taken out
- Cutter leak-tight in uppermost position
- Cutter retains the pipe coupon positively, never allows to slip into pipe
- Long spigot outlets to perform second fusion when required
- Permanent Batch Indicator, Fusion Time, Cooling Time, Raw Material Grade and SDR marking
- Each fitting individually packed to protect against contamination and oxidation
- Each fitting with water-proof bar code to automatically feed fusion data to the Control-box for fusion process