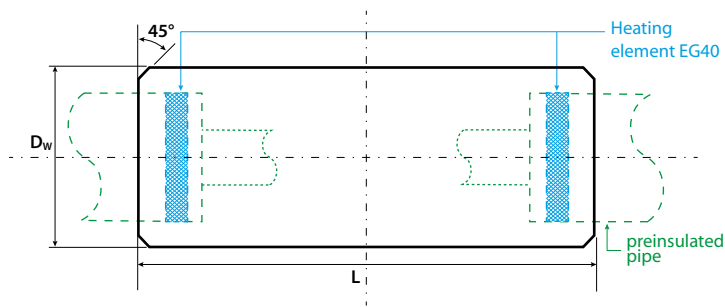


8.1.11 MEZ electro-fusion welding, sliding (closed) heat shrinkable joints (to be shrunk prior to welding)



| JACKET PIPE external diameter Dz: [mm] | MEZ JOINT +max internal diameter Dw: [mm] | MEZ JOINT Std wall thickness after shrinking s: [mm] | MEZ JOINT length L: [mm] | Heating element EG40 length [mm] | CATALOGUE No. |
|--|---|--|--------------------------|----------------------------------|---------------|
| 110 | 127 ⁺⁵ | 3,0 | 700 | 342 | MEZ-110L700W |
| 125 | 141 ⁺⁵ | 3,0 | 700 | 389 | MEZ-125L700W |
| 140 | 158 ⁺⁵ | 3,0 | 700 | 436 | MEZ-140L700W |
| 160 | 178 ⁺⁵ | 3,0 | 700 | 499 | MEZ-160L700W |
| 180 | 197 ⁺⁵ | 3,0 | 700 | 562 | MEZ-180L700W |
| 200 | 222 ⁺¹⁰ | 3,2 | 700 | 625 | MEZ-200L700W |
| 225 | 249 ⁺¹⁰ | 3,4 | 700 | 703 | MEZ-225L700W |
| 250 | 274 ⁺¹⁰ | 3,6 | 700 | 782 | MEZ-250L700W |
| 280 | 304 ⁺¹⁰ | 3,9 | 700 | 876 | MEZ-280L700W |
| 315 | 341 ⁺¹⁰ | 4,1 | 700 | 986 | MEZ-315L700W |
| 355 | 382 ⁺¹⁰ | 4,5 | 700 | 1111 | MEZ-355L700W |
| 400 | 430 ⁺¹⁵ | 4,8 | 700 | 1253 | MEZ-400L700W |
| 450 | 480 ⁺¹⁵ | 5,2 | 700 | 1410 | MEZ-450L700W |
| 500 | 535 ⁺¹⁵ | 5,6 | 700 | 1567 | MEZ-500L700W |
| 520 | 555 ⁺¹⁵ | 5,8 | 700 | 1629 | MEZ-520L700W |
| 560 | 595 ⁺¹⁵ | 6,0 | 700 | 1755 | MEZ-560L700W |
| 630 | 665 ⁺¹⁵ | 6,6 | 700 | 1975 | MEZ-630L700W |
| 710 | 750 ⁺²⁰ | 7,2 | 700 | 2226 | MEZ-710L700W |
| 780 | 820 ⁺²⁰ | 7,8 | 700 | 2246 | MEZ-780L700W |
| 800 | 845 ⁺²⁰ | 7,9 | 700 | 2509 | MEZ-800L700W |
| 900 | 945 ⁺²⁰ | 8,7 | 700 | 2823 | MEZ-900L700W |
| 1000 | 1045 ⁺²⁰ | 9,4 | 700 | 3137 | MEZ-1000L700W |
| 1100 | 1150 ⁺²⁵ | 10,2 | 700 | 3451 | MEZ-1100L700W |
| 1200 | 1250 ⁺²⁵ | 11,0 | 700 | 3765 | MEZ-1200L700W |
| 1300 | 1355 ⁺³⁰ | 11,8 | 700 | 4079 | MEZ-1300L700W |
| 1400 | 1460 ⁺³⁰ | 12,5 | 700 | 4393 | MEZ-1400L700W |

* Joints' diameter tolerance +/- 1,0mm

** Joints' length tolerance +/- 10mm

*** Other diameters and lengths of MEZ joints available on request

MEZ joint is to be placed on pre-insulated pipeline prior to welding of the steel pipes. Both ends of the joint are to be shrunk with delicate flame of gas burner, after prior installation of heating elements EG40 on the pre-insulated pipe. The MEZ is used for all soil conditions, also in case of pollution with oil products. Recommended for use in case of high level of ground water, large number of axial transitions, acidic soils, waste storage sites, etc. The electro-fusion welding joints can be used with constant ground water levels of 0.5m above the top of pre-isolated pipe.

Note: sealing tightness test shall be performed prior to PUR foaming.

Set of MEZ joint contains:

- MT heat-shrinkable sleeve
- heating elements – 2 pieces
- ventilation plugs – 2 pieces
- welding plugs – 2 pieces



Additional accessories: during assembly of the joints components of polyurethane foam (PUR) are to be used. While ordering please provide information if the joints are to be delivered together with PUR foam.