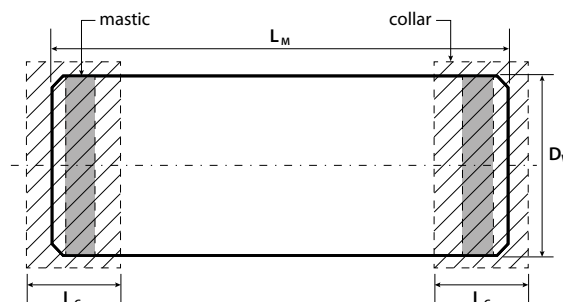


### 8.1.8 MTO1 heat shrinkable joints with mastic and additional sealing by cross-linked collars, (double independent sealing)



JACKET PIPE external diameter Dz: [mm]	MTO1 JOINT +max internal diameter Dw: [mm]	MTO1 JOINT Std wall thickness after shrinking s: [mm]	JOINT MTO1 length L <sub>M</sub> : [mm]	COLLAR L <sub>C</sub> : [mm]	CATALOGUE No.
90	105 <sup>+5</sup>	3,0	600 / 700	150	MTO1-090L600W-150 /..L700W-150
110	127 <sup>+5</sup>	3,0	600 / 700	150	MTO1-110L600W-150 /..L700W-150
125	141 <sup>+5</sup>	3,0	600 / 700	150	MTO1-125L600W-150 /..L700W-150
140	158 <sup>+5</sup>	3,0	600 / 700	150	MTO1-140L600W-150 /..L700W-150
160	178 <sup>+5</sup>	3,0	600 / 700	150	MTO1-160L600W-150 /..L700W-150
180	197 <sup>+5</sup>	3,0	600 / 700	150	MTO1-180L600W-150 /..L700W-150
200	222 <sup>+5</sup>	3,2	600 / 700	150	MTO1-200L600W-150 /..L700W-150
225	249 <sup>+5</sup>	3,4	600 / 700	150	MTO1-225L600W-150 /..L700W-150
250	274 <sup>+5</sup>	3,6	600 / 700	150	MTO1-250L600W-150 /..L700W-150
280	304 <sup>+5</sup>	3,9	600 / 700	150	MTO1-280L600W-150 /..L700W-150
315	341 <sup>+5</sup>	4,1	600 / 700	150	MTO1-315L600W-150 /..L700W-150
355	382 <sup>+5</sup>	4,5	600 / 700	150	MTO1-355L600W-150 /..L700W-150
400	430 <sup>+15</sup>	4,8	600 / 700	225	MTO1-400L600W-225 /..L700W-225
450	480 <sup>+15</sup>	5,2	600 / 700	225	MTO1-450L600W-225 /..L700W-225
500	535 <sup>+15</sup>	5,6	600 / 700	225	MTO1-500L600W-225 /..L700W-225
520	555 <sup>+15</sup>	5,8	600 / 700	225	MTO1-520L600W-225 /..L700W-225
560	595 <sup>+15</sup>	6,0	600 / 700	225	MTO1-560L600W-225 /..L700W-225

\* Length tolerance  $\pm 1,0$  mm

\*\* Other lengths and diameters of MTO1 joint available on request

MTO1 joint is to be placed on pre-insulated pipeline prior to welding of the steel pipes. Both ends of the joint and the heat-shrinkable collars are to be shrunk with delicate flame of gas burner. The MTO1 joint is a double sealing solution to be used in all soil conditions, with exception of soil polluted with oil products.

#### Set of MTO1 joint contains:

- heat shrinkable sleeve with pre-applied mastic
- cross-linked heat-shrinkable collars with hot-melt visco-elastic sealing – 2 pieces
- ventilation plugs – 2 pieces
- weldable plugs – 2 pieces



MTO1 joints are wrapped in white LDPE foil and should be stored and transported in upright position to avoid ovalization. Maximal temperature during storage and transport shall not exceed 35°C.

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