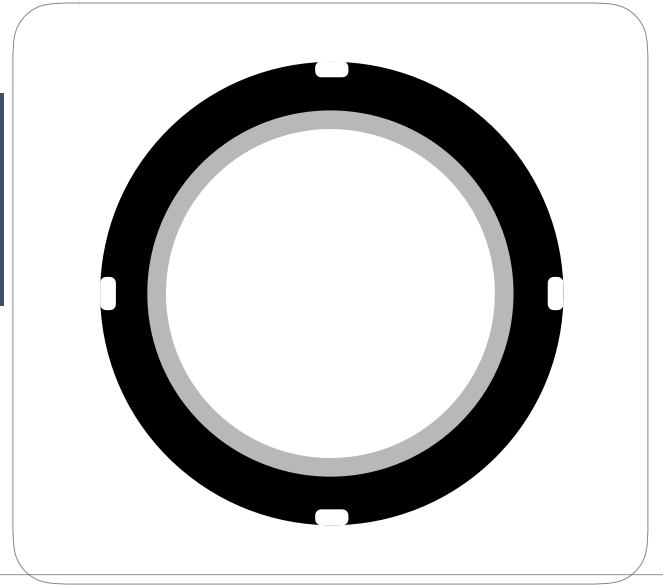


### MICRO-DUCT 1 WAY

Romatecsans Micro duct assemblies are perfectly suitable for micro trenching with proper narrow width and shallow depth and have superior blowing characteristics. Certified ISO 9001, ISO 14001 and TL9000. Compliant with Telcordia GR-3155-CORE.



1. HDPE Outer jacket
2. Inner silicon layer
3. Color stripe

#### Size and Structure

Specification (D/d)	Standard	Deviation	Standard	Deviation
Φ 52/40	40	+0.3 -0.0	3.0	+0.2 -0.2

#### Row Material

Series	Testing Items	Technical Specifications
1	Melt flow rate	0.1 ~ 0.3 g/10 min
2	Density	0.935 ~ 0.958 g/cm3

Physical and Chemical Properties		
Pos.	Item	Technical Specifications
1	Hardness of outer wall	≥59 (Shore D)
2	Internal co-efficient of friction	Static:≤0.25 (Flat)
		Dynamic:≤0.15
3	Tensile strength at yield	≥21 MPa
4	Elongation at break	≥350 %
5	Max. Pulling load	≥6000 N
6	Bending radius after cooling	460 mm
7	Ring stiffness	≥30 KN/m <sup>2</sup>
8	Flat test	Crush the 200mm length sample at speed of 5mm/min till the deformation value of outer diameter is 50% of the original, remove the loading, the duct should not crack or layered.
9	Press Resistance	Pressed vertically till a 50% distortion of the original outer diameter and unloaded immediately, the duct should not crack or layered and the outer diameter can recover to no less than 85%
10	Impact strength	Place sample of 150mm length at 0°C environment for more than 2 hours, and then take it out and drop a 15.3Kg hammer from 2.0 meters height to it within 30 seconds, the structure and size of hammer complies with the JT/T 496-2004 Standard.
11	Longitudinal reversion	≤3%
12	Chemicals erosion resistance	Immerse the duct sample into the solvent of 5% NaCl, 40%H <sub>2</sub> SO <sub>4</sub> ,40% NaOH for 24 hours, no visible eroded phenomenon.
13	Connectivity with the coupler (N)	≥4300 N
14	Pressure resistant sealing of coupler	The duct, sealed with pyrocondensed plugs at both ends and charged to 0.2MPa, should keep 0.18MPa at least inside after 24 hours.
15	Air pressure	1.2MPa