

Data Sheet for Micro Duct Connector, Reducing and Endstop

Description:

--These connectors were developed to connect micro ducts with each other. Our system enables an easy, fast connection and disconnection of the micro duct.

-The connectors' robust construction resistance to high pressure forces, allowing them to be used in direct buried (DB) applications. The transparent body enables easy visual inspection of the cable within the connector.

Micro Duct External Diameters:

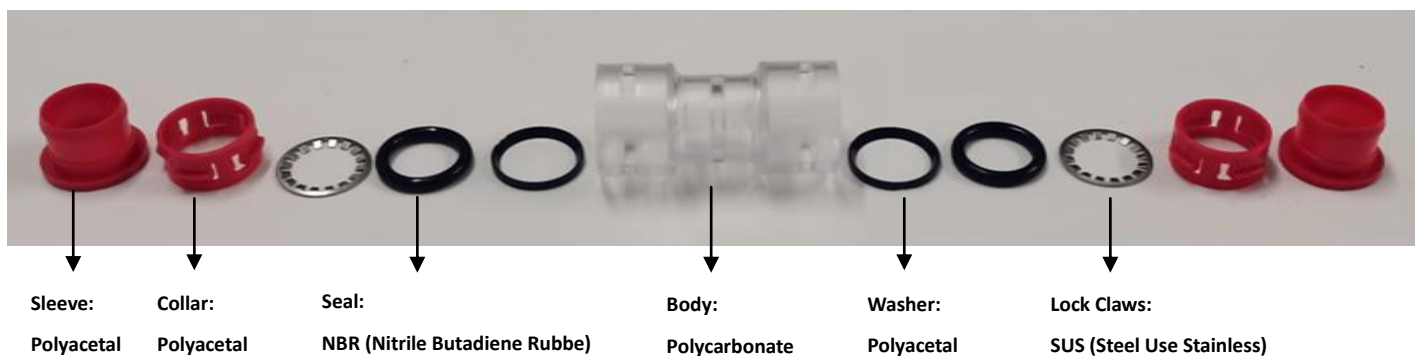
--Metri (mm): 3,4,5,7,8,9,10,12,14,15,16,18,20,25 etc.

--Inch: 1/8,3/16,1/4,5/16,3/8 etc.

Photo:



Material:



Parameter:

--High Temperature resistance: -20°C--+50°C

--High Pressure resistance: >25bar

--IP Rate: IP68

--FR Resistance style also available: V0

--Standard: EN50411

Performance:

--Blowing Pressure: Between temperatures of -20°C and +50°C, all connectors size can be used for blowing operations at pressures up to 16bar

--Burst Pressure: >26bar

--Gas Tightness: Leakage at 16 bar gas pressure: 1ml/minute approx Leakage at 0.7bar gas pressure: 0.1ml/minute approx

--Water ingress: The connectors shall seal against a 6m head of water.

--Insertion force: 50N max (5kg)

--Retention force:

25N min (3mm m/d)

50N min (4mm m/d)

55N min (5mm m/d)

100N min (6mm m/d)

125N min (8mm m/d)

125N min (10mm m/d)

350N min (12mm microduct)

300N min (14mm microduct)

400N min (16mm microduct)