



Straight Connectors, Reducers and End Caps

transparent, tension-proof, pressure-tight

Features

- transparent base body for visual control of the connection
- tool-free assembly and disassembly possible
- suitable for direct burial
- unintentional opening is prevented by safety clip

Application

The connectors, reducers and end caps allow a quick, easy and safe connection or gas/water sealing of microducts. The fitting program is available for three different applications:

- Connectors for connecting microducts with identical duct diameters.
- reducers for connecting microducts with different duct diameters
- End caps for tension-proof and pressure-tight sealing of pipe runs

Design

The connectors, reducers and end caps are suitable for direct burial without further protective measures. To prevent accidental opening of the products, they are supplied with a pre-assembled safety clip. To release the fittings, first remove the safety clip and then press down the release ring. The transparent housing makes it possible to see at first glance whether the component is correctly installed. The products comply with all relevant standards and are corrosion-resistant. In-house application is also possible.

Product Information

Material:

- Housing: Polyamide
- O-ring: NBR
- release ring: POM
- Press-in sleeve: CW614N
- Circlip: POM
- Claw: Stainless steel 1.4310

Technical Information

Product Color

Housing: Transparent

Safety clip: blue

Release ring: black

Conformance

- Base body made of impact-resistant material (proven with spade test followed by pressure testing)
- Transparent base body for visual inspection of the connection
- Clamping teeth made of corrosion-free spring steel (tested according to EN 61386-24 respectively EN 61386-1)
- Pre-installed securing clip prevents undesired detachment
- Suitable for direct installation in a sand bed below ground and blow-in pressure up to 15 bar
- Internal pressure test according to DIN 16874 (170 h / 80 °C / 4,0 MPa)
- Tested according to EN 50411
- Also suitable for in-house use, flame-retardant according to EN 61386-22 and halogen-free
- Fulfilment of the specifications of large telecommunication companies like Deutsche Telekom and Vodafone

Technical Notes

- Injection pressure up to 16 bar
- Permanent seal at least 0.5 bar
- Bursting pressure at least 40 bar
- Pre-installed safety clip prevents unintentional loosening

Ordering Information

Packing unit see article list below.

Articles 17

Article name	Color	Layout	Form of Delivery
Straight Connector 7 mm NPA40202/7	transparent	7 mm	50 pcs/ pack
Straight Connector 10 mm NPA40202/10	transparent	10 mm	50 pcs/ pack
Straight Connector 12 mm NPA40202/12	transparent	12 mm	25 pcs/ pack
Straight Connector 14 mm NPA40202/14	transparent	14 mm	25 pcs/ pack
Straight Connector 16 mm NPA40202/16	transparent	16 mm	25 pcs/ pack
Straight Connector 20 mm NPA40202/20	transparent	20 mm	10 pcs/ pack
Reducing connector 10 mm - 7 mm NPA40302/10-7	transparent	10 mm/ 7 mm	25 pcs/ pack
Reducing connector 12 mm - 10 mm NPA40302/12-10	transparent	12 mm/ 10 mm	25 pcs/ pack
Reducing connector 14 mm - 12 mm NPA40302/14-12	transparent	14 mm/ 12 mm	25 pcs/ pack
Reducing connector 16 mm - 14 mm NPA40302/16-14	transparent	16 mm/ 14 mm	25 pcs/ pack
Reducing connector 20 mm - 16 mm NPA40302/20-16	transparent	20 mm/ 16 mm	10 pcs/ pack
End cap 7 mm NPA40102/7	transparent	7 mm	50 pcs/ pack
End cap 10 mm NPA40102/10	transparent	10 mm	50 pcs/ pack
End cap 12 mm NPA40102/12	transparent	12 mm	25 pcs/ pack
End cap 14 mm NPA40102/14	transparent	14 mm	25 pcs/ pack
End cap 16 mm NPA40102/16	transparent	16 mm	25 pcs/ pack
End cap 20 mm NPA40102/20	transparent	20 mm	10 pcs/ pack