



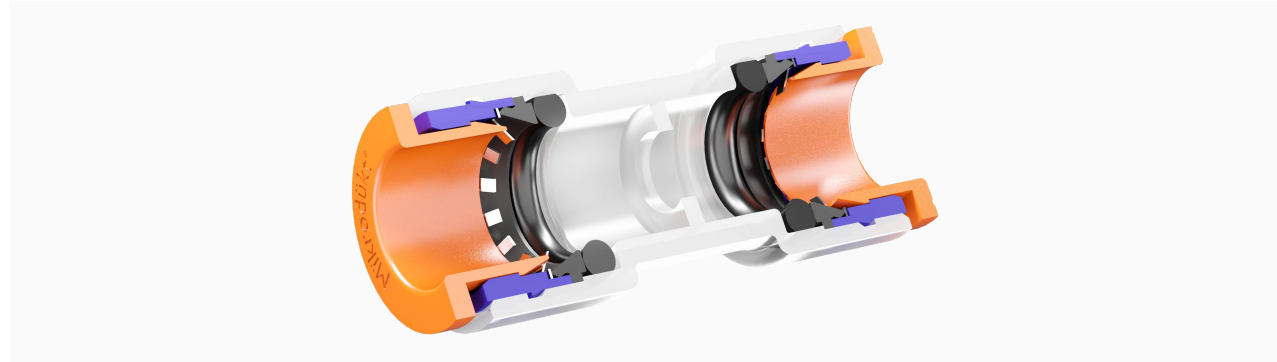
## PRODUCT DESCRIPTION

These connectors were developed to connect microducts with each other. Our system enables an easy, fast connection and disconnection of the microduct. 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.

## DESIGN FEATURES

- For 3-25 mm Microducts.
- Easy "push-in" installation.
- Crystal clear transparent body.
- 95% of the material is made of non-metal.
- Tested in accordance to EN 50411-2-8:2009.
- Locking rings to prevent accidental removal of connector.

## TECHNICAL CHARACTERISTI



Installation Temperature:  
-10°C/+50°C



Working Pressure: 25 Bar  
Burst Pressure (All Diameters):  
According to EN 50411-2-8



Fluid: Air with blowing system



Body: Polycarbonate  
Sealing: Nitrile Butadiene Rubber  
Retaining Ring: Polyoxymethylene  
Circlip: Stainless Steel  
Spring Sleeve: Polyoxymethylene  
Release Sleeve: Polyoxymethylene  
Locking Clip: Polyoxymethylene



Products in compliance with  
the regulation EC 1907/2006



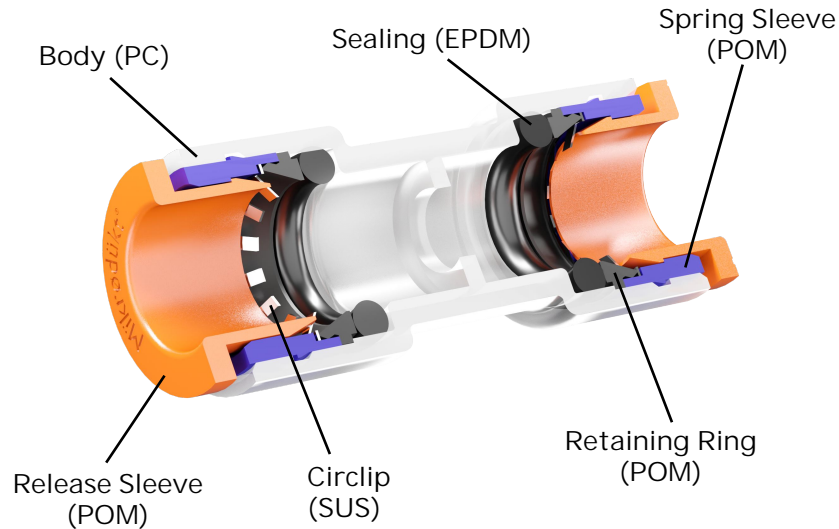
EN 50411-2-8: Microduct Connectors  
Product Specifications:  
EN 60529:IP68  
EN 61300-2-26: Salt Mist  
EN 61300-2-33: Re-entries  
EN 61300-2-10: Crush Resistance  
EN 61300-3-1: Visual Appearance  
EN 61300-2-4: Microduct Retention  
EN 61300-2-34: Chemical Resistance  
EN 50411-2-8:Annex E:Insertion Force  
EN 61386-22: Glow Wire Test at 750°C  
EN 60794-1-2: 2003,Method E4:Impact  
EN 50411-2-8:Annex D:Installation Test  
EN 61300-2-22: Change of Temperature  
EN 61300-2-38: 2006,Method B:Pressure Loss  
EN 50411-2-8:Annex C: High Pressure Resistance  
EN 61300-2-23: 1997,Method 2:Water Immersion  
EN 61386-24: Conduit Systems Buried Underground  
EN 61300-2-38:2006, Method A:Sealing Performance



RoHS 3  
COMPLIANT  
EU 2015/863

Products in compliance with  
the directive EU 2015/863

## COMPONENT MATERIALS



## ACCESSORIES OPTIONAL



### Locking Clip

Robust Design for Any Environment The connectors and end stops have been designed to be extremely strong so that they can be used for both direct buried non sealed or sealed applications. To avoid unaccidental opening of the connectors when installed in to the ground, they are fitted with locking clips on each end. To release a microduct, simply remove the locking clips and push the locking ring of the connector. No additional cover is therefore needed.

**Note:** Match the corresponding specifications according to the size of the connector.



### Anti-shock Cover

Although these connectors can be directly buried, but sometimes especially in a very challenging environmental conditions, we recommend this cover to make it double safe.

**Note:** Match the corresponding specifications according to the size of the connector.

## ORDERING INFORMATION

MODEL	A (mm)	B (mm)	D (mm)	L (mm)	Weight (g)
NRPU3/2.1	3	2.1	11	30.7	-
NRPU4/2.5	4	2.1	11	30.7	-
NRPU5/3.5	5	3.5	13.5	35.8	3.6
NRPU6/3.5	6	3.5	13.5	35.8	3.6
NRPU7/3.5	7	3.5	15.2	41.2	5.2
NRPU7/5.5	7	5.5	15.2	41.2	5.4
NRPU8/6	8	6	15.2	41.2	5.5
NRPU8.5/6	8.5	6	15.2	41.2	5.6
NRPU10/6	10	6	15.2	45.2	6.6
NRPU10/8	10	8	17.5	45.2	6.7
NRPU12/10	12	10	21.5	52.2	11.8
NRPU14/10	14	10	23.5	52.2	12.95
NRPU14/11	14	11	23.5	52.2	12.95
NRPU14/12	14	12	23.5	52.2	12.95
NRPU15/12	15	12	25.3	52.2	14.5
NRPU16/12	16	12	25.3	52.2	14.6
NRPU16/14	16	14	25.3	52.2	14.6
NRPU18/12	18	12	32.7	55.9	29.8
NRPU18/14	18	14	32.7	55.9	29.8
NRPU18/15	18	15	32.7	55.9	29.8
NRPU20/16	20	16	32.7	55.9	30.8
NRPU20/17	20	17	32.7	55.9	30.8
NRPU22/16	20	16	40	71	47.7
NRPU25/22	25	22	40	71	47.7

\*Note: Other size requirements can be contacted for docking sales.

