

Microduct Accessories

STRAIGHT CONNECTOR

CONNECTOR COVER

END CAP

REDUCER (Transition Connector)

GAS-BLOCK CONNECTOR

BULKHEAD CONNECTOR

STRAIGHT CONNECTOR



Description

The Push-fit straight connectors manufactured with high quality materials and transparent body assure easy and quick installation.

The connector can be re-used 10 times remaining maintained the high performance requirements for air-blown installation systems.

Size (mm)		Product Codes
OD	ID	
3	2.1	RC3AU
4	2.1	RC4AU
5	3.5	RC5AK
6	4	RC6BU
7	5.5	RC7CK
7	4	RC7BK
7	3.5	RC7AK
8	6	RC8CU
10	8	RC10BU
12	10	RC12BK
12	8	RC12AK
14	12	RC14CU
14	10	RC14AK
16	14	RC16CU
16	12	RC16AU
18	14	RC18AU
20	16	RC20AU

Main Features & Characteristic

- Material: Clear PC
- Leakage Pressure: 15 bar
- Negative Pressure: 750mm Hg(10 Torr)
- Proof Pressure: 25 bar
- Temperature Range: -10 ~60°C
- For Tubing Type: PE, PU, Nylon, Polyurethane
- Burst Pressure: > 25bar
- Water Immersion test: Pass (Water proof)
- Push-fit test: Pass
- Hydraulic pressure test: Pass(Resisting at 13 bar for 2 minutes)

※ In addition to above table, any size can be ordered.

CONNECTOR COVER



Description

The connector cover is typically used in place of a duct closure to protect the connector and the end cap for direct burial



Size (mm)	Product Codes
5	RCC5U
7	RCC7K
8	RCC8U
10	RCC10U
12	RCC12U
14	RCC14K
16	RCC16U
18	RCC18U

※ In addition to above table, any size can be ordered.

Main Features & Characteristic

- Connector protection to withstand external impact and crush.
- Lock Pin function to prevent tube escape.
- Prevention from the inflow of sand and mud into the connector groove.
- Easy to install and remove.
- Used for Direct burial, manhole (hand hole), in-building.
- Used for end cap protection as well.
- Material : Polypropylene

END CAP



Description

The end cap for permanent or temporarily sealing of unused microducts to prevent obstacles such as water, mud, dust and so on.

The body is transparent for easy fault location and fix the problem easily during installation.

Size (mm)	Product Codes
3	RE3AU
4	RE4AU
5	RE5AK
6	RE6AU
7	RE7AK
8	RE8AU
10	RE10AU
12	RE12AK
14	RE14AK
16	RE16AU
18	RE18AU
20	RE20AU

Main Features & Characteristic

- Material: Clear PC
- Leakage Pressure: 15 bar
- Negative Pressure: 750mm Hg(10 Torr)
- Proof Pressure: 25 bar
- Temperature Range: -10 ~60°C
- Burst Pressure: BT MA 321 High Pressure Performance
- hydraulic pressure test: Pass(Resisting at 13.5kgf/cm² for 2 minutes.)
- Burst Pressure: > 25bar
- Water Immersion test: Pass (Water proof)

※ In addition to above table, any size can be ordered.

REDUCER (Transition Connector)



Description

The Reducer allows interconnection between microducts that are difference in outer diameters. Usually, this is used in the point of transition from DB to DI microducts entering the office, house.

Size (mm)		Product Codes
5.3.5	3/2.1	RR53AU
5/2.1	4/2.1	RR54AU
7/4	4/2.1	RR74AU
7/3.5	5/3.5	RR75BU
8/4.4	5/3.5	RR85AU
8/5.5	5/3.5	RR85BU
10/8	8/6	RR10EU
10/8	8/5.5	RR10FU
10/6	8/6	RR10GU
10/5.5	7/5.5	RR10CU
10/8	7/3.5	RR10DU
12/8	10/6	RR12FU
12/8	10/8	RR12GU
12/10	10/8	RR12HU
12/10	7/3.5	RR12BU
12/10	7/5.5	RR12CU
14/10	12/8	RR14FU
14/10	12/10	RR14HU
14/12	12/10	RR14GU
16/12	14/10	RR16DU
16/12	12/10	RR16BU
16/12	12/8	RR16CU

※ In addition to above table, any size can be ordered.

Main Features & Characteristic

- Material: Clear PC
- Leakage Pressure: 15 bar
- Negative Pressure: 750mm Hg(10 Torr)
- Proof Pressure: 25 bar
- Temperature Range: -10 ~60°C
- Burst Pressure: > 25.5kgf/cm²
- Water Immersion test: Pass (Water proof)
- Expected Life time: Minimum 20 years
- hydraulic pressure test: Resisting at 13.5kgf/cm² for 2 minutes

GAS-BLOCK CONNECTOR



Description

The design of Gasblock is to prevent the gas leaking at the point where the connection between a duct and fiber optic cable inside.

Gasblock connector can be installed at home, office, inside building not to allow the inflow of materials which has the harmful gas, water and dust.

Size (mm)		Product Codes
MD	Cable	
5	0.5-3.5	RGAAU
7	1-4.6	RGBAU
8	3-6	RGCAU
10	3-6	RGEAU
10	5-8	RGEBU
12	3-6	RGFAU
12	5-8	RGFBU
12	7-10	RGFCU
14	3-6	RGHAU
14	5-8	RGHBU
14	7-10	RGHCU
14	9-12	RGHDU
16	3-6	RGJAU
16	5-8	RGJBU
16	7-10	RGJCU
16	9-12	RGJDU

※ In addition to above table, any size can be ordered.

Main Features & Characteristic

- Blowing Pressure: Between temperatures of -10°C and +60°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/min
 - Leakage at 0.7bar gas pressure: 0.1ml/min
- Water ingress: The connectors shall seal against a 6m head of water.
- Insertion force: 50N max (5kg)
- Retention force: 55N min (5mm m/d)
135N min (12mm m/d) 155N min (14mm m/d)
(collect not held in)

BULKHEAD CONNECTOR



Description

The Bulkhead Connector is used for distributing and arranging the inner tubes of bundled microduct on the frame combined by Mounting Rack and Patch Panel, which is mostly installed in MDF room of the building. The structure of bulkhead is to fix the connector the hole of the Patch Panel. It's also suitable to apply in Air Blown System.

Size (mm)	Product Codes
5/3.5	RBC5U

Main Features & Characteristic

- Material: POM
- Leakage Pressure: 15 bar
- Negative Pressure: 750mm Hg(10 Torr)
- Proof Pressure: 25 bar
- Temperature Range: -10 ~60°C
- For Tubing Type: PE, PU, Nylon, Polyurethane
- Burst Pressure: > 25bar
- Water Immersion test: Pass (Water proof)
- Push-fit test: Pass
- Hydraulic pressure test: Pass(Resisting at 13 bar for 2 minutes)



Tube Patch Panel