

Microduct Assembly 3/2 mm Indoor – High Grade

FRD 3/2 mm 1-24 -way HG

Features

- For indoor installation
- Small or discrete design
- Minimal cross section minimizes the need of large drilling holes
- 3/2 mm microducts
- Halogen-free, flame-retardant, high grade
- 1, 7, 12 or 24 over-sheathed ducts
- Low friction inner surface for maximum installation lengths



Application

This series of duct assemblies consist of ultra slim Microducts (3 mm) made of halogen free, flame retardant material. The slim design enables installation virtually in any existing risers in Multi Dwelling Units. The assemblies consist of a number of Microducts with an inner low friction, antistatic surface that enables installation of air blown fibers.

Design

The duct assemblies are available in several versions from 1 to 24 microducts. Each microduct has an outer/inner diameter of 3/2.1 mm. The microducts and duct assemblies including the outer sheath are made of halogen-free, flame-retardant polymer. One unsheathed single duct version for minimal cross section is available for installation in existing external protective microducts or sheaths.

Product Information



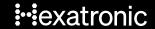
Microducts and sheath: Halogen-free, flame-retardant polyolefin

Technical Information

Temperature, Operation [°C] -20 to +60

Temperature, Storage [°C] -20 to +60

Temperature, Installation [°C] -20 to +50



Conformance Abrasion: IEC 60794-1-2-E2B(1)

Kink: IEC 60794-1-2-E10, 20 x outer diameter

Impact: IEC 60794-1-2-E4 Crush: IEC 60794-1-2-E3 Tensile: IEC 60794-1-2-E Bend: IEC 60794-1-2-E11A Torsion: IEC 60794-1-2-E Flexibility: IEC 60794-1-2-E8

Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D

Flammability: IEC60332-3-24, IEC60332-1 Halogen Content: IEC 60754-1, 0% Toxicity index: DEFSTAN 02-713, Pass

Marking Duct assemblies have markings showing the tube length.

The individual microducts are numbered.

Installation Notes Flammability according to IEC60332-3-24 refers to sheathed

empty ducts and sheathed ducts installed with typical versions of Hexatronic blown fiber units. 1-way unsheathed

duct MPB30246/01 excluded. The unsheated duct shall be installed in flame resistant protective cover for best fire

performance.

Articles 8

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Article name Color Lindit Rend Red Tereille		, og	AL TREES	في الم	t Holder Iron
Article name	Q,	ILLIA	QI.	1/2	\$
Microduct 1x3/2.1 ID High Grade White 1x3/2.1 65 100	750	0.4	5.2	27	1000/, 500/K4
Microduct 1x3/2.1 ID High Grade MPB30246/1 White 1x3/2.1 65 100	750	0.4	5.2	27	1000/, 500/K4
Microduct 7x3/2.1 ID High Grade White 7x3/2.1 125 300	1000	1.6	11.2	84	500/K6
Microduct 7x3/2.1 ID High Grade MPB30246/7 White 7x3/2.1 125 300	1000	1.6	11.2	84	500/K6
licroduct 12x3/2.1 ID Hgh Grade IPB30246/12CX White 12x3/2.1 150 500	-	-	14.2	131	1000/, 500/K7
Microduct 12x3/2.1 ID High Grade MPB30246/12 White 12x3/2.1 150 500	-	_	14.2	131	1000/, 500/K7
Microduct 24x3/2.1 ID Hgh Grade White 24x3/2.1 200 800	1400	2.5	20.2 × 15.8	219	1000/, 500/K10



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Microduct 24x3/2.1 ID High Grade MPB30246/24	White	24x3/2.1	200	800	1400	2.5	20.2 × 15.8	219	1000/, 500/K10		