



# 10011218 - Microduct 5/3.5 mm Indoor – High Grade Sheathed

FRD 5/3.5 mm 1-way HG

---

## Features

- For indoor installation
- 5/3.5mm microducts
- Halogen-free, flame-retardant, high grade
- Over-sheathed ducts
- Low friction inner surface for maximum installation lengths

Application

The indoor tight protected duct assemblies consist of a number of microducts with an inner low friction, antistatic surface that enables installation of air-blown fibers. These microducts are highly flame retardant and therefore suitable for indoor use.

Design

The duct assemblies are available in several versions from 1 to 24 microducts. Each microduct has an outer/inner diameter of 5/3.5 mm. The microducts and duct assemblies including the outer sheath are made of halogen-free, flame-retardant polymer.

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
Reaction to Fire	IEC60332-3-24, IEC60332-1

Conformance	<p>Abrasion: IEC 60794-1-2-E2B(1)</p> <p>Kink: IEC 60794-1-2-E10, 20 x outer diameter</p> <p>Impact: IEC 60794-1-2-E4</p> <p>Crush: IEC 60794-1-2-E3</p> <p>Tensile: IEC 60794-1-2-E</p> <p>Bend: IEC 60794-1-2-E11A</p> <p>Torsion: IEC 60794-1-2-E</p> <p>Flexibility: IEC 60794-1-2-E8</p> <p>Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D</p> <p>Flammability: IEC60332-3-24, IEC60332-1</p> <p>Smoke density: .IEC61034-2</p> <p>Smoke volume: ASTM E662</p> <p>Halogen Content: IEC 60754-1, 0%</p> <p>Acidity/Halogen contents: IEC60754-1/-2</p> <p>Toxicity index: DEFSTAN02-713</p>
Marking	<p>Duct assemblies have markings showing the tube length.</p> <p>The individual microducts are numbered.</p>
Installation Notes	<p>Flammability according to IEC60332-3-24 refers to sheathed empty ducts and sheathed ducts installed with typical versions of Hexatronic blown fiber units.</p> <p>duct MPB30246/01 excluded.</p>

Articles 1

Article name	Color	Layout	Bend Radius [mm]		Tensile Force, Installation [N]		Crush [N/100mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 5/3.5 IDHiGrade MPB30201/1 SKU 10011218	White	5/3.5	72	110	450	2	7.2	48	500 / PLAST		