



HexaSpeed DN 10 – 16 duct-in-duct

HexaSpeed microducts for the installation of fiber optic cables with longitudinal inner grooving for high blow-in lengths.

Features

- For blowing in fibre optic cables or blown fibers
- Interior grooving for optimum blow-in results and tight tolerances for perfect blow-in performance
- 100 % quality control, including pressure test and continuity test
- Maximum blow-in-pressure: 10 bar
- Fulfilment of the specifications of large telecommunication companies like Deutsche Telekom and Vodafone

Application

The thin-walled microducts are suitable for pulling and blowing into cable ducts according to the installation instructions. The minimum bending radius is 20 x D. No direct burial.

Technical Information

Product Color	The colour of the micro ducts is translucent to identify occupation. The microducts are marked with two co-extruded, opposing colour stripes. Each microduct can be clearly allocated to a building during the subsequent installation.
Color Code	DIN0888
Temperature, Operation [°C]	-40 to +60
Temperature, Storage [°C]	-20 to +60
Temperature, Installation [°C]	-20 to +50
Conformance	<ul style="list-style-type: none">▪ Material: PE-HD according to DIN 16874▪ Tolerances: outer diameter: + 0,1 mm / wall thickness: + 0,1 mm▪ Internal pressure creep rupture test: 170 h / 80 °C / 4.0 MPa▪ UV-resistant minimum three years Central European climate according to EN ISO 4892-2▪ Tested according to IEC 60794-1-2▪ Apex pressure resistance (at 20 °C) : > 500 N (varies depending on dimension)▪ Burst pressure > 35 bar

Marking

The identification of microducts is carried out using permanent, abrasion-resistant inkjet-printing with a 1 mm spacing with the following information:

- Manufacturer and product name
- Material
- Dimension
- Production date
- Shift
- Machine
- Meterage

Example:

HEXATRONIC HexaSpeed PE-HD 10x1,0 "DD.MM.YYYY" "S"
"M" "000m"

Ordering Information

Delivery lengths according to the article specification or according to customer requirements.

Drum properties (diameter [mm] x width [mm] x core [mm] / empty weight [kg]):

- 10 mm - 16 mm: 1200 x 370 x 464 / 20

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Article name	Color	Layout	Tensile Force, Installation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]
Microduct 10/8 red MPB40201/TTAACS1	Red	10/8	300	10	28	3000
Microduct 12/9,8 red MPB40301/TTAACS1	Red	12/9,8	400	12	35	2000
Microduct 14/11,4 red MPB40401/TTAACS1	Red	14/11,4	500	14	51	1500
Microduct 16/13 red MPB40501/TTAACS1	Red	16/13	683	16	68	1200