



# Microduct 14/12 mm

## TND 14/12 Primary Tube

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### Features

- For installation in existing ducts
- Extra slim
- 14/12 mm microducts
- Low friction inner surface for maximum installation lengths

## Application

The slim, thin walled microducts has an inner low friction surface that enables installation of micro cables or nano cables.

The design makes the microducts especially suitable for installation into narrow existing ducts (pipes) or pipes occupied with cables or other obstacles.

## Design

14/12 mm microducts are optimized for installation micro cables or nano cables. The microducts have a low-friction inner surface with longitudinal grooves for best blowing performance.

The microducts comes in different colors for easy identification.

## Product Information

**Microducts:** HDPE

## Technical Information

**Temperature, Operation [°C]** -40 to +60

**Temperature, Storage [°C]** -40 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

### Marking

Microducts have markings showing the type and tube length.

The individual microducts are identified by their colors.

12 different colors are available: orange, yellow, red, white, green, violet, blue, grey, turquoise, black, brown, pink.

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Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]
<b>Microduct 14/12 OD Orange 1</b> MPB30253/OG1	Orange	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Yellow 1</b> MPB30253/YE1	Yellow	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Red 1</b> MPB30253/RD1	Red	14/12	160	460	500	2	14
<b>Microduct 14/12 OD White 1</b> MPB30253/WH1	White	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Green 1</b> MPB30253/GN1	Green	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Blue 1</b> MPB30253/BU1	Blue	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Turquoise 1</b> MPB30253/TQ1	Turquoise/ Aqua	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Grey 1</b> MPB30253/GY1	Gray/Slate	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Violet 1</b> MPB30253/VT1	Violet	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Brown 1</b> MPB30253/BN1	Brown	14/12	160	460	500	2	14
<b>Microduct 14/12 OD Pink 1</b> MPB30253/PK1	Pink/Rose	14/12	160	460	500	2	14