



# Microduct 7/4 mm

## TWD 7/4 mm Primary Tube, Striped

---

### Features

- For direct burial
- 7/4 mm microducts
- Low friction inner surface
- The colour of the tubes is transparent

## Application

The thick walled microduct are designed with an inner low friction surface that enables installation of air-blown fibers or nano cables. The thick inner wall of the microducts allow for installation directly into the ground without the need for additional protection.

## Design

7/4 mm microducts are optimized for installation of air-blown fibers and nano cables. The microducts have a solid low-friction inner surface for best blowing performance.

## Product Information

**Microducts:** HDPE

## Technical Information

<b>Product Color</b>	The individual transparent microducts are identified by their colour stripe in accordance with the DIN VDE 0888 standard.
<b>Color Code</b>	DIN0888
<b>Temperature, Operation [°C]</b>	-40 to +60
<b>Temperature, Storage [°C]</b>	-40 to +60
<b>Temperature, Installation [°C]</b>	-20 to +50
<b>Conformance</b>	<p><b>Abrasion:</b> IEC 60794-1-2-E2B(1)</p> <p><b>Kink:</b> IEC 60794-1-2-E10, 20 x outer diameter</p> <p><b>Impact:</b> IEC 60794-1-2-E4</p> <p><b>Crush:</b> IEC 60794-1-2-E3</p> <p><b>Tensile:</b> IEC 60794-1-2-E</p> <p><b>Bend:</b> IEC 60794-1-2-E11A</p> <p><b>Torsion:</b> IEC 60794-1-2-E</p> <p><b>Flexibility:</b> IEC 60794-1-2-E8</p> <p><b>Inner Clearance:</b> IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
<b>Marking</b>	<p>Microducts have markings showing the type and tube length. The individual microducts are identified by their colors (stripes).</p> <p>12 different colors are available: orange, yellow, red, white, green, violet, blue, grey, turquoise, black, brown, pink.</p>

## Articles 48

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
<b>Microduct 7/4 OD Red 1 (Stripe)</b> 5/MPB30269/RD1	Red	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD RD1 (Stripe) 1000 m</b> 5/MPB30269/RD1-1	Red	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD RD1 (Stripe) 500 m</b> 5/MPB30269/RD1-2	Red	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Green 2 (Stripe)</b> 5/MPB30269/GN2	Green	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD GN2 (Stripe) 1000 m</b> 5/MPB30269/GN2-1	Green	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD GN2 (Stripe) 500 m</b> 5/MPB30269/GN2-2	Green	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Blue 3 (Stripe)</b> 5/MPB30269/BU3	Blue	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BU3 (Stripe) 1000 m</b> 5/MPB30269/BU3-1	Blue	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BU3 (Stripe) 500 m</b> 5/MPB30269/BU3-2	Blue	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Yellow 4 (Stripe)</b> 5/MPB30269/YE4	Yellow	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD YE4 (Stripe) 1000 m</b> 5/MPB30269/YE4-1	Yellow	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD YE4 (Stripe) 500 m</b> 5/MPB30269/YE4-2	Yellow	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD White 5 (Stripe)</b> 5/MPB30269/WH5	White	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD WH5 (Stripe) 1000 m</b> 5/MPB30269/WH5-1	White	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD WH5 (Stripe) 500 m</b> 5/MPB30269/WH5-2	White	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Grey 6 (Stripe)</b> 5/MPB30269/GY6	Gray/Slate	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD GY6 (Stripe) 1000 m</b> 5/MPB30269/GY6-1	Gray/Slate	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD GY6 (Stripe) 500 m</b> 5/MPB30269/GY6-2	Gray/Slate	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Brown 7 (Stripe)</b> 5/MPB30269/BN7	Brown	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BN7 (Stripe) 1000 m</b> 5/MPB30269/BN7-1	Brown	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BN7 (Stripe) 500 m</b> 5/MPB30269/BN7-2	Brown	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Violet 8 (Stripe)</b> 5/MPB30269/VT8	Violet	7/4	70	230	2500	2.5	7	24

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
<b>Microduct 7/4 OD VT8 (Stripe) 1000 m</b> 5/MPB30269/VT8-1	Violet	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD VT8 (Stripe) 500 m</b> 5/MPB30269/VT8-2	Violet	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Turquoise9 (Stripe)</b> 5/MPB30269/TQ9	Turquoise/ Aqua	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD TQ9 (Stripe) 1000 m</b> 5/MPB30269/TQ9-1	Turquoise/ Aqua	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD TQ9 (Stripe) 500 m</b> 5/MPB30269/TQ9-2	Turquoise/ Aqua	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Black 10 (Stripe)</b> 5/MPB30269/BK10	Black	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BK10 (Stripe)1000 m</b> 5/MPB30269BK10-1	Black	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BK10 (Stripe) 500 m</b> 5/MPB30269BK10-2	Black	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Orange 11 (Stripe)</b> 5/MPB30269/OG11	Orange	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD OG11 (Stripe)1000 m</b> 5/MPB30269OG11-1	Orange	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD OG11 (Stripe) 500 m</b> 5/MPB30269OG11-2	Orange	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD Pink 12 (Stripe)</b> 5/MPB30269/PK12	Pnk/Rose	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD PK12 (Stripe)1000 m</b> 5/MPB30269PK12-1	Pnk/Rose	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD PK12 (Stripe) 500 m</b> 5/MPB30269PK12-2	Pnk/Rose	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD RD13 (Stripe) 500 m</b> 5/MPB30269RD13-2	Red	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD GN14 (Stripe) 500 m</b> 5/MPB30269GN14-2	Green	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BU15 (Stripe) 500 m</b> 5/MPB30269BU15-2	Blue	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD YE16 (Stripe) 500 m</b> 5/MPB30269YE16-2	Yellow	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD WH17 (Stripe) 500 m</b> 5/MPB30269WH17-2	White	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD GY18 (Stripe) 500 m</b> 5/MPB30269GY18-2	Gray/Slate	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD BN19 (Stripe) 500 m</b> 5/MPB30269BN19-2	Brown	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD VT20 (Stripe) 500 m</b> 5/MPB30269VT20-2	Violet	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD TQ21 (Stripe) 500 m</b> 5/MPB30269TQ21-2	Turquoise/ Aqua	7/4	70	230	2500	2.5	7	24

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
<b>Microduct 7/4 OD BK22 (Stripe) 500 m</b> 5/MPB30269BK22-2	Black	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD OG23 (Stripe) 500 m</b> 5/MPB30269OG23-2	Orange	7/4	70	230	2500	2.5	7	24
<b>Microduct 7/4 OD PK24 (Stripe) 500 m</b> 5/MPB30269PK24-2	Pink/Rose	7/4	70	230	2500	2.5	7	24