



Microduct 16/12 mm Eco

TWD 16/12 mm Primary Tube, Colored skin

Features

- Heavy-duty design
- 16/12 mm microducts
- Low friction ribbed inner surface for maximum installation lengths
- ≥51% Recycled or reused material
- Lower environmental impact compared to versions with virgin materials

Application

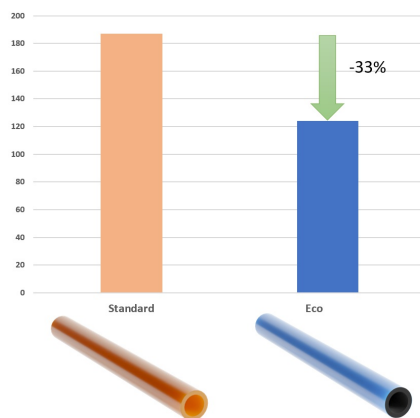
The thick-walled microducts have an inner low friction surface that enables installation of nano cables or fiber optic micro cables. The thick inner wall of the microducts allow for installation directly into the ground without the need for additional protection. Since these microducts are partially made with recycled or regrind materials, they have a lower environmental impact compared to versions made entirely of virgin materials.

Design

16/12 microducts are optimized for installation of nano cables or micro cables. The microducts have a low-friction inner surface with longitudinal grooves for best blowing performance and contain at least 51% of recycled or regrind high quality material. The materials are chosen to secure best performance and lifespan. All microducts are black with a colored skin.

The carbon footprint reduction, compared to versions made entirely with virgin material, has been verified according to life cycle calculations (cradle to gate, EF3.0). For more information, see <https://www.hexatronic.com/en-uk/microducts-for-the-future>

Product Information



Microducts: HDPE, >51% recycled or regrind

Technical Information

Product Color	12 different colors are available: red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange and pink.
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
- Repeated bending:** IEC 60794-1 2-E6
- Inner clearance:** IEC 60794-5-10, Ann. D

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Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 16/12 Eco Orange MPB30353/OG1-1	Orange	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Yellow MPB30353/YE1-1	Yellow	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Red MPB30353/RD1-1	Red	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco White MPB30353/WH1-1	White	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Green MPB30353/GN1-1	Green	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Violet MPB30353/VT1-1	Violet	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Blue MPB30353/BU1-1	Blue	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Grey MPB30353/GY1-1	Gray/Slate	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Turquoise MPB30353/TQ1-1	Turquoise/ Aqua	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Black MPB30353/BK1-1	Black	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Brown MPB30353/BN1-1	Brown	'16/12	160	790	1500	11	16 100	1000	
Microduct 16/12 Eco Pink MPB30353/PK1-1	Pnk/Rose	'16/12	160	790	1500	11	16 100	1000	