



Microduct 12/8 mm Eco

TWD 12/8 mm Primary Tube, Colored skin

Features

- Heavy-duty design
- 12/8 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

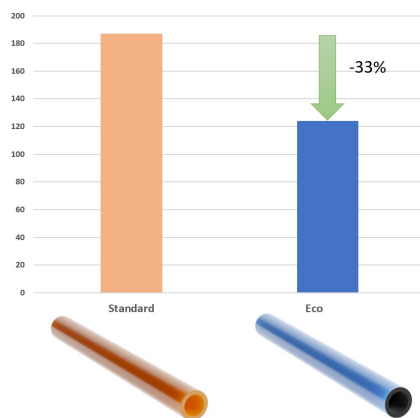
The thick-walled microducts have an inner low friction surface that enables installation of nano cables or fiber optic micro cables. The thick inner wall of the microducts allow for installation directly into the ground without the need for additional protection. Since these microducts are partially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

Design

12/8 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]
Microduct 12/8 Eco Orange MPB30351/OG1	Orange	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Yellow MPB30351/YE1	Yellow	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Red MPB30351/RD1	Red	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco White MPB30351/WH1	White	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Green MPB30351/GN1	Green	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Violet MPB30351/VT1	Violet	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Blue MPB30351/BU1	Blue	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Grey MPB30351/GY1	Gray/Slate	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Turquoise MPB30351/TQ1	Turquoise/ Aqua	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Black MPB30351/BK1	Black	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Brown MPB30351/BN1	Brown	'12/8	120	550	3000	6	12	60
Microduct 12/8 Eco Pink MPB30351/PK1	Pnk/Rose	'12/8	120	550	3000	6	12	60