

Microduct Assembly 12/8 mm Eco

TWD 12/8 mm 2-7 -way S12 Colored skin

Features

- For direct burial
- 2, 4, or 7 bundled ducts
- 12/8 mm microducts
- Low friction inner surface
- ≥51% Recycled or reused material
- Lower environmental impact compared to versions with virgin materials



Application

The thick walled microduct bundles consist of a number of microducts with an inner low friction surface that enables installation of nano cables or 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

The duct assemblies are available in several configurations from 2 to 7 microducts.

12/8 mm microducts are optimized for installation of air-blown fibers and nano cables. The microducts have a solid low-friction innner surface 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 and outer sheath: Microducts: HDPE, ≥51% recycled or regrind

Technical Information

Color Code S12

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

Temperature, Storage [°C] -40 to +60

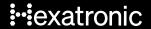
Temperature, Installation [°C] -20 to +50

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 Duct assemblies have markings showing the type and tube

length. The individual microducts are identified by their

colors.

12 different colors are used according to the S12 standard. For duct assemblies with >12 ducts, the first 12 colored ducts are marked with "1" and the following ducts are

The assemblies are available in various sheath colors for easy identification.

Technical Notes To facilitate recycling, these assemblies are delivered

without ripcords.

marked with "2".

Technical Details



S12 Color Code Chart for Microduct Assemblies



Articles 19

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Article name	color	Layout	Bend	Rodius In	dinensions .	neid ⁱ	
Microduct 2x12/8 Eco S12 OG MPB30351/2M	Orange	2x12/8	_	_	25.4 × 13.4	161	
Microduct 4x12/8 Eco S12 OG MPB30351/4M	Orange	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 YE 4/MPB30351/4M	Yellow	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 RD 2/MPB30351/4M	Red	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 WH 5/MPB30351/4M	White	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 GN 1/MPB30351/4M	Green	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 VT 6/MPB30351/4M	Violet	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 BU 3/MPB30351/4M	Blue	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 GY 9/MPB30351/4M	Gray/Slate	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 4x12/8 Eco S12 PK 7/MPB30351/4M	Pink/Rose	4x12/8	320	2800	25.4 × 25.4	296	
Microduct 7x12/8 Eco S12 OG MPB30351/7M	Orange	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 YE 4/MPB30351/7M	Yellow	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 RD 2/MPB30351/7M	Red	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 WH 5/MPB30351/7M	White	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 GN 1/MPB30351/7M	Green	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 VT 6/MPB30351/7M	Violet	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 BU 3/MPB30351/7M	Blue	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 PK 7/MPB30351/7M	Hnk/Rose	7x12/8	475	4700	34.2 × 37.4	490	
Microduct 7x12/8 Eco S12 GY 9/MPB30351/7M	Gray/Slate	7x12/8	475	4700	34.2 × 37.4	490	