



# Microduct 7/3.5 mm Eco

TWD 7/3.5 mm Primary Tube, Colored skin

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## Features

- For direct burial
- 7/3.5 mm microducts
- Low friction inner surface
- ≥51% Recycled or reused material
- Lower environmental impact compared to versions with virgin materials

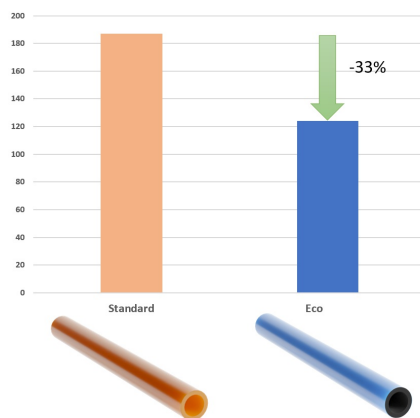
## Application

The thick walled microduct are designed with an inner low friction surface that enables installation of air-blown fiber units or nano 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

7/3.5 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 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

### Tuotteen väri

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

### Lämpötila, käyttö [°C]

-40 to +60

### Lämpötila, varastointi [°C]

-40 to +60

**Lämpötila, asennus [°C]**

-20 to +50

**Vaatimustenmukaisuus****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**Merkintä**

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.

**Articles 12**

Article name	Väri	Asettelu	Taivutusäde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
<b>Microduct 7/3.5 Eco Orange</b> MPB30350/OG1-2	Orange	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Yellow</b> MPB30350/YE1-2	Yellow	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Red</b> MPB30350/RD1-2	Red	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco White</b> MPB30350/WH1-2	White	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Green</b> MPB30350/GN1-2	Green	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Violet</b> MPB30350/VT1-2	Violet	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Blue</b> MPB30350/BU1-2	Blue	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Grey</b> MPB30350/GY1-2	Gray/Slate	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Turquoise</b> MPB30350/TQ1-2	Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Black</b> MPB30350/BK1-2	Black	7/3.5	70	250	4000	4	7	29	500
<b>Microduct 7/3.5 Eco Brown</b> MPB30350/BN1-2	Brown	7/3.5	70	250	4000	4	7	29	500

Article name	Väri	Asettelu	Taivutussäde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
Microduct 7/3.5 Eco Pink MPB30350/PK1-2	Pink/Rose	7/3.5	70	250	4000	4	7	29	500