

MAUNT

M00001411

Multi-microduct 2x14/10mm, green (Delta Fiber NL)



Description

The multi-microduct pipe is a composition of several smaller thick-walled pipes wrapped in a PE jacket. The tubes are laid empty in the ground (directly buried) and can be used directly for blowing in fibre-optic cables. The multi-microduct tubes have a service life of up to 50 years.

Brand

Afripipes

Outer jacket specifications

Wall thickness	0.6 mm
Imprint	2x14/10mm DB - Afripipes (by Maunt) - M00001411 - {Batch Number} - {Production date} - {Length' m}
Outer jacket colour	Green (RAL 6018) with red stripes

Technical specifications (jacket)

Material	Polypropylene
Density	$\geq 900 \text{ kg/m}^3$
Melting index(5kg-190°C)	6.5/230° g/10min (ISO 1133)
Flow tension	$>15\text{N/mm}^2$
Stretch at break	$>350\%$
Hardness (0°C)	$>60 \text{ Shore D}$
Bending radius (during laying/installation)	$<20\text{x outside diameter}$
Maximum Tensile force	$\geq 5000 \text{ N}$
Skull pressure	$\geq 1000 \text{ N/dm}$
Pressure resistance	Maximum operating pressure of 10 bar in accordance with NEN-EN921 and ISO 1167 (peak load up to 16 bar)
Impact resistance	Slaking force of 15.3 Nm at a temperature of 20°C, in accordance with NEN-EN 744
Softening point	$>140^\circ\text{C}$
Transition tough/bros	$<-20^\circ\text{C}$
Processing temperature	Between -10°C and $+50^\circ\text{C}$
Operating temperature	Between -20°C and $+60^\circ\text{C}$
Storage and transport temperature	Between -10°C and $+50^\circ\text{C}$

Tube specifications

Outer diameter	Minimum 14.0 mm and maximum 14.1 mm
Inner diameter	$\geq 9.8\text{mm}$, grooved
Profiling	Equipped with internal longitudinal groove (groove height $\pm 0.30\text{mm}$), to reduce resistance between cable and tube during the reducing the insertion of the cable
Colour tubes	Red and white
Imprint	According to customer specification: 14/10 mm, manufacturer name, batch code no., length indication in metres
Finish	Smooth, clean and even in colour, as well as free from blisters, scratches, cavities, holes, soiling or other defects. The pipe ends are smooth and squared.



Technical specifications (tube)

Material	100% HDPE solid, no Recycling material
Density	$\geq 940 \text{ kg/m}^3$
Melting index (5KG- 190 °C)	0.35-1.10 g/10min (ISO 1133)
Flow tension	$>15 \text{ N/mm}^2$
Stretch at break	$>350\%$
Hardness (0°C)	$>60 \text{ Shore D}$
Bending radius (during laying/installation)	$<20\text{x outside diameter}$
Maximum Tensile force	$\geq 500 \text{ N}$
Skull pressure	$\geq 1000 \text{ N}$
Pressure resistance	Maximum operating pressure of 10 bar in accordance with NEN-EN921 and ISO 1167 (peak load up to 16 bar)
Impact resistance	Impact force of 15.3 Nm at a temperature of 20°, in accordance with NEN-EN 744
Processing temperature	Between -10°C and +50°C
Operating temperature	Between -20°C and +60°C
Storage and transport temperature	Between -10°C and +50°C
Blow-in cable	$>1200\text{m}$ (96v fibre optic cable)