

MAUNT®

M00001359

Multiduct 7x14/10mm, green (Delta Fiber NL)



Description

The multiduct 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 multiduct tubes have a service life of up to 50 years.

Brand

Afripipes

Coat specifications

Wall thickness	0.6 mm
Imprint	7x14/10mm DB - Afripipes (by Maunt) - M00001395 - {Batch Number} - {Production date} - {Length' m}
Coat 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)	<20x outside diameter
Maximum Tensile force	≥5000 N
Skull pressure	≥1000 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°C
Transition tough/bros	<-20°C
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

Tube specifications

Outer diameter	Minimum 14.0 mm and maximum 14.1 mm
Inner diameter	≥9.8mm, grooved
Profiling	Equipped with internal longitudinal groove (groove height +/-0.30mm), to reduce resistance between cable and tube during the reducing the insertion of the cable
Colour tubes	Transparent with 4 stripes (red, white, yellow, blue, green, violet, brown)
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 of blisters, scratches, cavities, holes, contaminations or other defects. The pipe ends are smooth and squared.

Technical specifications (tube)

Material	100% HDPE solid, no Recycling material
Density	≥ 940 kg/m³
Melting index (5KG- 190 °C)	0.35-1.10 g/10min (ISO 1133)
Flow tension	>15 N/mm²
Stretch at break	>350%
Hardness (0°C)	>60 Shore D
Bending radius (during laying/installation)	<20x outside diameter
Maximum Tensile force	≥500 N
Skull pressure	≥1000 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

>1200m (96v fibre optic cable)