**M00000221**
**HDPE duct, 40/32.6mm, green, Maunt**



**Description**
This HDPE fibre optic protection duct is made of HDPE. The duct is solid-walled, clean on both the inside and outside, uniform in colour and free from blisters, scratches, voids, holes, contamination or other defects. The duct is used to protect cables in underground and above-ground applications. The ducts have a service life of up to 50 years. Once installed in the ground, they retain all their properties without any loss for at least 25 years.

**Brand**
Maunt

**Physical specifications**

| | |
|---|---|
| Material type/composition | 100% virgin HDPE |
| Colour | Green, RAL 6018 |
| Outer diameter duct | 40.1 mm - 40.4 mm |
| Inner diameter duct | > 31.9 mm |
| Wall thickness | 3.7 mm - 4.1 mm |
| Ovality | 2.0 mm |
| Inner surface finish | Internal longitudinal grooves with a depth of +/- 0.30 mm (+/-0.10 mm) |
| Marking per metre | Maunt - M00000221 - {Batch Number} - {Production date} - {Length m} |

**Material properties**

| | |
|---|---|
| Melt flow index (5kg, 190°C) | 0.321 - 1.3 g/10 min |
| Yield stress | > 15 $N/mm^2$ |
| Elongation at break | > 350% |
| Hardness (0°C) | > 60 Shore D |
| Softening point | > 140 °C |
| Ductile/brittle transition | < -100 °C |

**Mechanical specifications**

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|---|---|
| Tensile strength | 6700 N |
| Pressure resistance | < 16 Bar |

**Environmental specifications**

| | |
|---|---|
| Installation temperature | -5°C to +40°C |
| Operating temperature | -30°C to +70°C |
| Storage temperature | -30°C to +70°C |
| Optimal blowing temperature | +5°C to +40°C |

**Classification codes and standards**

| | |
|---|---|
| Density (standard) | ≥ 945 $kg/m^3$ according to ISO-1183 |