

## Pliable Corrugated Conduit



**Field of application:** Pliable conduit systems for cable management



**Application area :** Elec. installations in residential buildings exposed or embedded (walls/cladding/tiles) and for protection of duct systems in public buildings, columns, cable tray networks etc.

### Polyflex (Medium duty/Very heavy impact) 3522

**Sizes:** 16/20/25/32/40 mm

**Material:** PP (750 N/20 Joules/-5°C & 90°C)

**Colour:**

Black	External cabling of trafos, solar panels, construction sites
White	Interior/Exterior home renovation, solar panels.
Green	LV cables, Telecom fibre, ADSL
Orange	Embedded in wall plaster/concrete

**Profile type:** Double skin, internal low friction colored layer for easy cable pulling

**Resistance :** Non-flame propagating / UV resistant

Pre-installed polyamide line / 100 % recyclable / Insulating resistance at 500 VDC,  $\Omega > 100G\Omega$

## GENERAL TECHNICAL CHARACTERISTICS

### Geometrical Characteristics

- Dimensions
- Nominal outside diameters
- Wall Thickness (plain conduit)

### Mechanical Characteristics

- Resistance to Compression
- Resistance to Impact

### According to temperature

- Lower temperature
- Upper temperature

### Standard Requirements

As per BS EN 61386-22  
 Clause 8.2 Table 101 size only (BS EN 61386-22)  
 Annex B B.1 BS EN 61386-1

Clause 10.2 (BS EN 61386-1) Medium duty (750N)  
 Clause 10.3 (BS EN 61386-1) Very Heavy

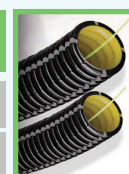
Clause 6.2.1 Table 1 BS EN 61386-1 (-5°C)  
 Clause 6.2.2 Table 2 BS EN 61386-1 (+90°C)



**Diameter mm**

**Available Range**

DN	16	20	25	32	40
ID	11	14	18	24	31



Manufactured by PPP Piping Systems Ltd - Certified MS ISO 9001:2008 | MS ISO 9001:2008 & MS ISO 14001:2004 certified  
 MSB Test Report available on request (conditions apply)

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