

Pliable Corrugated Conduit

as per MS
IEC 61386-22



Field of application: Pliable conduit systems for cable management

Polyflex

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: Orange outer layer + silicon based white inner layer.

Profile type: Double skin internal low friction layer for easy cable pulling.

Resistance : Non flame propagating / Non UV.

Note: Other external colours on request.

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	

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