



PREWIRED CONDUIT WITH UTP CAT 6 LSZH



MonFlex is a prewired corrugated polypropylene conduit ready to use.

MonFlex, thanks to its innovative technology that eliminates the need for cable insertion into the conduit, offers up to 50% savings during the installation phase, allowing a single installer to independently complete the entire electrical system. Another advantage over traditional methods is the prevention of accidents such as conduit breakage and difficulties in threading cables. MonFlex is suitable for all types of electrical installations, including traditional walls, liquid concrete, concrete, drywall, movable walls, prefabricated structures, and complex systems. Made entirely of polypropylene, MonFlex is at the forefront compared to the traditional PVC method, ensuring low smoke emissions and the absence of halogen gases, benefiting the environment and people's health.

Benefits.

Eliminates the threading phase

- Labor cost savings, a single operator needed
- Save time
- Adopts an innovative LSZH (Low Smoke Zero Halogen) technology for safe evacuation.
- Prevent accidents and inconveniences on the construction site
- Ideal for every electrical installation
- Waterproof without micro-holes for liquid concrete

TECHNICAL SPECIFICATIONS

Material

Flexible and self-recovering polypropylene,
self-extinguishing,
non-flame propagating

Colors

GREY RAL 7035
GREY RAL 7037
GREEN RAL 6018
GREEN RAL 6021
BLACK
BLUE 5012

* Other colors on request



Compression resistance

3422-3342 | 750 Nw
3432 | 1000 Nw

Resistance to impact

3422-3432 | 6J - Heavy
3342 | 2J - Medium

Operating temperature

3422 | *-5° / + 90°
3432 | *-15° / + 90°
3342 | *-25° / + 90°

Standards

LS - LOW SMOKE:

IEC 60754-1; IEC 60754-2 ; IEC 10304-1

OH - ZERO HALOGEN:

IEC 60754-1; IEC 60754-2 ; IEC 10304-1

FIRE RESISTANCE:

EN 61386.1, EN 61386.2

Certifications

ICTA 34223

ICTA 33423

34323 (1000 Nw)

Applications

Indoor • **YES**

Outdoor • **NO**

Exposed installations • **NO**

Liquid cement and concrete • **YES**

Chased wall - Plasterboard • **YES**

Underfloor • **YES**

False ceiling- Movable wall • **YES**

Prefab - Wood panels • **YES**



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CABLE THECNICAL SPECIFICATION

Type: UTP CAT.6 LSZH

CPR: Dca

Conductor:

Cu – Red copper

Isulation:

LSZH Polietilen

Color:

Grey

Functional features

Mutua Capacity

< 56 pF/m

Operating temperature

-20° / +70°

Installation condition:

Designed for the installation of LAN lines.

Compliant with IEC 61156-5/ISO/IEC 11801, EN 50173-1, EIA/TIA 568C.2 standards

FORMATION

CONDUIT Ø16

1x UTP

CONDUIT: Ø20

1 x UTP

2 x UTP

CONDUIT: Ø25

1 x UTP

2 x UTP

PACKAGING

**STANDARD (25 / 50 / 100 Mt)
ROLLS**

Ø 16

Roll 25 Mt – Pallet 1575

Roll 50 Mt – Pallet 3150

Roll 100 Mt – Pallet 2800

Ø 20

Roll 25 Mt – Pallet 2250

Roll 50 Mt – Pallet 2100

Roll 100 Mt – Pallet 2400

Ø 25

Roll 25 Mt – Pallet 1125

Roll 50 Mt – Pallet 1575

Roll 100 Mt – Pallet 2000

**WOODEN REELS
(250 / 300 Mt)**

Ø 16

Reel 250 Mt – Pallet 3000

Reel 300 Mt – Pallet 3600

Ø 20

Reel 250 Mt – Pallet 2000

Reel 300 Mt – Pallet 2400

Ø 25

Reel 300 Mt – Pallet 600

BIG ROLLS

Ø 16

Up to 1000 Mt

Ø 20

Up to 900 Mt

Ø 25

Up to 600 Mt