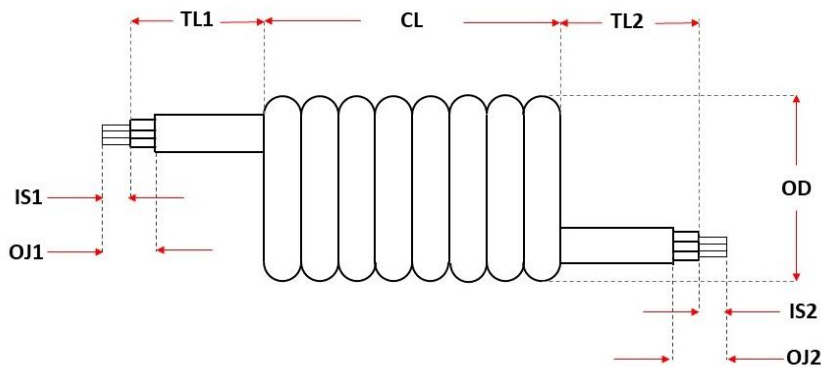
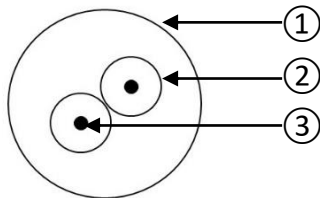


Coiled PUR Power Cable Product Range: *CPUR-1*



Key:

CL = Closed Length (mm)
TL1 = Tail Length 1 (mm)
TL2 = Tail Length 2 (mm)
OD = Closed Core Overall Diameter
OJ1 = Outer Jacket Strip 1
OJ2 = Outer Jacket Strip 2
IS1 = Inner Strip 1
IS2 = Inner Strip 2

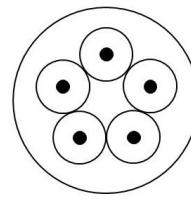
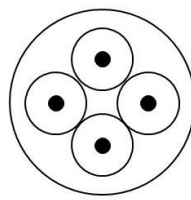
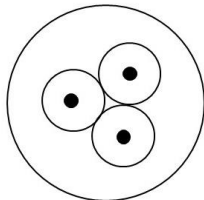


SCHEMATIC DRAWINGS

Top: Coiled Construction

Left: 2 Core Construction

Bottom (left to right): 3, 4 and 5 core construction



CABLE CONSTRUCTION

- Sheath:** PUR (Polyurethane) Elastollan 1185A 12 WM
- Insulation:** PVC insulation type TI-1 according to BS7655 and HD 21.3S3:1995/A2:2008
- Conductor:** Flexible electrolytic copper conductor (Class 5) according to BS EN 60228:2005

APPLICATIONS

This product is designed for use on machinery, power tools and domestic appliances trailer leads. Also suitable for hoist, lift and roller doors.

Characteristics	
Voltage Rating (U₀/U):	300 / 500 V _{ac}
Temperature Rating:	Flexed: +60 °C to +70 °C

Conductors		
Size Conductor [mm ²]	Conductor Stranding [N° x mm]	Electrical Resistance [Ω/Km]
0.50	16 x 0.20	≤ 39.0
0.75	24 x 0.20	≤ 26.0
1.00	32 x 0.20	≤ 19.5

Dimensions				
Flexform Product Code	Size Conductor [mm ²]	Closed to Extended Ratio	Cable Outer Diameter [mm]	Coil Outer Diameter Average [mm]
CPUR-032	3 x 0.50	1000mm x 5	4.70 ± 0.2	16.0
CPUR-033	3 x 0.75	1000mm x 5	5.50 ± 0.2	19.0
CPUR-043	4 x 0.75	1000mm x 5	6.50 ± 0.2	23.0
CPUR-053	5 x 0.75	1000mm x 5	9.30 ± 0.2	25.0
CPUR-034	3 x 1.00	1000mm x 5	6.50 ± 0.2	23.0
CPUR-044	4 x 1.00	1000mm x 5	7.00 ± 0.2	27.0
CPUR-054	5 x 1.00	1000mm x 5	7.60 ± 0.2	29.0

Cable Standards

Low Voltage European Directive No. 2014/35/UE.

Stranding of Conductor

Flexible electrolytic copper conductor (Class 5) according to BS EN 60228:2005

Insulation

PVC insulation type TI-1 according to BS7655 and HD 21.3S3:1995/A2:2008

Cable Assembly

The cores are twisted together.

Core Identification

2 Core: Brown ● Blue ●

3 Core: Brown ● Blue ● Green/Yellow ●

4 Core: Brown ● Black ● Green/Yellow ● Grey ●

5 Core: Brown ● Black ● Green/Yellow ● Grey ● Blue ●

Outer Sheath

PUR (Polyurethane) Elastollan 1185A 12 WM

Colour of Sheath

Black ● or White ○