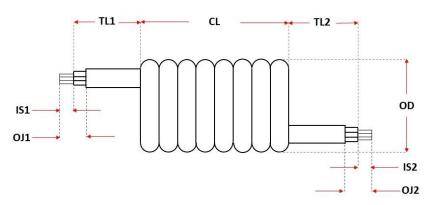


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## **Coiled PUR Power Cable** Product Range: CPUR-2



#### Key:

**CL** = Closed Length (mm)

TL1 = Tail Length 1 (mm)

**TL2** = Tail Length 2 (mm)

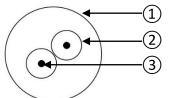
**OD** = Closed Core Overall Diameter

OJ1 = Outer Jacket Strip 1

OJ2 = Outer Jacket Strip 2

IS1 = Inner Strip 1

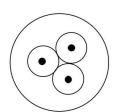
IS2 = Inner Strip 2

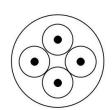


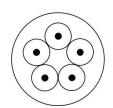
### **SCHEMATIC DRAWINGS**

Top: Coiled Construction Left: 2 Core Construction

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







#### **CABLE CONSTRUCTION**

- 1. Sheath: PUR (Polyurethane) Elastollan 1185A 12 WM
- 2. Insulation: PVC insulation type TI-1 according to BS7655 and HD 21.3S3:1995/A2:2008
- 3. 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.

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<u>Characteristics</u>			
Voltage Rating (U₀/U):	450 / 750 V <sub>ac</sub>		
Temperature Rating:	Flexed: +60 °C to +70 °C		

<u>Conductors</u>					
Size Conductor [mm <sup>2</sup> ]	Conductor Stranding [Nº x mm]	Electrical Resistance [Ω/Km]			
1.50	29 X 0.26	≤ 13.3			
2.50	46 X 0.26	<u>&lt;</u> 7.98			

<u>Dimensions</u>						
Flexform Product Code	Size Conductor [mm²]	Closed to Extended Ratio	Cable Outer Diameter [mm]	Coil Outer Diameter Average [mm]		
CPUR-035	3 x 1.50	1000mm x 5	7.40 <u>+</u> 0.2	30.0		
CPUR-045	4 x 1.50	1000mm x 5	8.00 <u>+</u> 0.2	32.0		
CPUR-055	5 x 1.50	1000mm x 5	9.10 <u>+</u> 0.2	33.0		
CPUR-036	3 x 2.50	1000mm x 5	9.60 <u>+</u> 0.2	36.0		
CPUR-046	4 x 2.50	1000mm x 5	11.1 <u>+</u> 0.2	38.0		
CPUR-056	5 x 2.50	1000mm x 5	12.0 <u>+</u> 0.2	41.0		

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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 ○

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