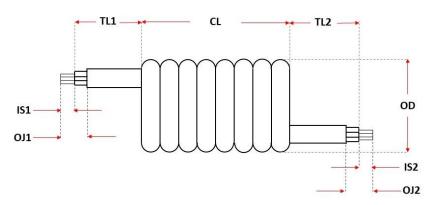


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Coiled PUR Power Cable Product Range: CPUR-1



Key:

CL = Closed Length (mm)

TL1 = Tail Length 1 (mm)

TL2 = Tail Length 2 (mm)

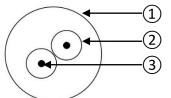
OD = Closed Core Overall Diameter

OJ1 = Outer Jacket Strip 1

OJ2 = Outer Jacket Strip 2

IS1 = Inner Strip 1

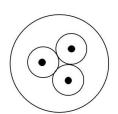
IS2 = Inner Strip 2

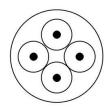


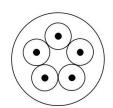
SCHEMATIC DRAWINGS

Top: Coiled Construction Left: 2 Core Construction

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







CABLE CONSTRUCTION

- 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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Issue No.

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

<u>Conductors</u>				
Size Conductor [mm²]	Conductor Stranding [Nº x mm]	Electrical Resistance $[\Omega/Km]$		
0.50	16 x 0.20	<u>≤</u> 39.0		
0.75	24 x 0.20	<u>≤</u> 26.0		
1.00	32 x 0.20	<u>≤</u> 19.5		

<u>Dimensions</u>					
Flexform Product Code	Size Conductor [mm²]	Closed to Extended Ratio	Cable Outer Diameter [mm]	Coil Outer Diameter Average [mm]	
CPUR-032	3 x 0.50	1000mm x 5	4.70 <u>+</u> 0.2	16.0	
CPUR-033	3 x 0.75	1000mm x 5	5.50 <u>+</u> 0.2	19.0	
CPUR-043	4 x 0.75	1000mm x 5	6.50 <u>+</u> 0.2	23.0	
CPUR-053	5 x 0.75	1000mm x 5	9.30 <u>+</u> 0.2	25.0	
CPUR-034	3 x 1.00	1000mm x 5	6.50 <u>+</u> 0.2	23.0	
CPUR-044	4 x 1.00	1000mm x 5	7.00 <u>+</u> 0.2	27.0	
CPUR-054	5 x 1.00	1000mm x 5	7.60 <u>+</u> 0.2	29.0	

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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 Ø 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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