

## multi-conductor cable PUR-TPE-CY

*Screened heavy duty cable, cold resistant, free of halogen*



**Application** : **Flexible cable for extreme circumstances. Very good oil and media resistant. The cable is free of halogen. This cable has a smaller outer diameter and an extended temperature range: -30°C to 90°C. Suitable for spiral cords.**

**TECHNICAL DATA** : **TYPE PUR-TPE-CY**

Construction of conductor (1): Highly flexible, finely stranded bare copper,  
0,14 – 0,34 mm<sup>2</sup> according to VDE 0295/5.  
0,5 - 6 mm<sup>2</sup> according to VDE 0295/6

Insulation of conductor (2): TPE-E. (Thermoplastic Elastomer).  
Coding of conductors : 0,14 – 0,34 mm<sup>2</sup> colour code according to DIN 47100  
0,5 - 6 mm<sup>2</sup> one conductor yellow/green other  
conductors black, numbered.

Braiding (3): Tinned copper braiding.

Outer jacket (4): Polyurethane according to VDE 0282/part 10.  
Colour of outer jacket : Black.

Bend radius : 10 x outer diameter.  
Temperature range : Flexing: -30°C tot +90°C.  
Static: -50°C tot +90°C.

Insulation resistance : Min 100 M.Ohm/km.  
Test voltage : Depending on conductor size 2000/3000 Volt.  
Voltage rating : Depending on conductor size 300/500 Volt.

Special Applications : Extremely resistant to oil, petrol, ozone.  
Protects well from abrasion, suitable for spiral cords.

***Suitable stripping tool: type TOR by Elpress, Jobarco article number 0701064.***

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## PUR-TPE-CY

Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
0154104	4 x 0,25		4,8
0154106	6 x 0,25		5,2
0154107	7 x 0,25		5,7
0154108	8 x 0,25		6,3
0154202	2 x 0,34		4,2
0154301	1 x 0,5		5,4
0154303	3 x 0,5		5,0
0154304	4 x 0,5		5,3
0154307	7 x 0,5		7,5
0154312	12 x 0,5		8,8
0154402	2 x 0,75		5,3
0154403	3 x 0,75		5,4
0154404	4 x 0,75		6,2
0154405	5 x 0,75		7,3
0154407	7 x 0,75		8,0
0154503	3 x 1		5,7
0154504	4 x 1		6,6
0154507	7 x 1		9,2
0154512	12 x 1		10,7
0154602	2 x 1,5		6,0
0154603	3 x 1,5		6,7
0154604	4 x 1,5		7,2
0154605	5 x 1,5		8,0
0154607	7 x 1,5		9,7
0154612	12 x 1,5		11,4
0154618	18 x 1,5		13,2
0154625	25 x 1,5		16,8
0154703	3 x 2,5		8,7
0154704	4 x 2,5		9,6
0154705	5 x 2,5		10,3

## PUR-TPE-CW

Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
0143004	4 x 0,14		3,9
0143106	6 x 0,25		5,8
0143108	8 x 0,25		5,8
0143404	4 x 0,75		6,2
0143703	3 x 2,5		8,5

### Core outer diameter, (tolerance ± 0,05 mm.):

0,14 mm <sup>2</sup>	0,9 mm
0,25 mm <sup>2</sup>	1,1 mm
0,34 mm <sup>2</sup>	1,2 mm
0,5 mm <sup>2</sup>	1,5 mm ( 28 x 0,15 mm )
0,75 mm <sup>2</sup>	1,7 mm ( 42 x 0,15 mm )
1,0 mm <sup>2</sup>	1,9 mm ( 57 x 0,15 mm )
1,5 mm <sup>2</sup>	2,1 mm ( 85 x 0,15 mm )
2,5 mm <sup>2</sup>	2,8 mm ( 142 x 0,15 mm )