

multi-conductor cable PUR-TPE

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**

Construction of conductor : Highly flexible, finely stranded bare copper,
0,14 – 0,34 mm² according to VDE 0295/5.
0,5 - 6 mm² according to VDE 0295/6

Insulation of conductor : TPE-E. (Thermoplastic Elastomer).

Coding of conductors : 0,14 to 0,34 mm²: colour coding according to DIN 47100.
0,5 - 6 mm²: 1 conductor yellow/green other
conductors black, numbered.

Outer jacket : Polyurethane according to VDE 0282/part 10.

Colour of outer jacket : Black, some types also in orange.

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 from abrasion, suitable for spiral cords.

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

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PUR-TPE

| Art.no. | Cores | Gage mm ² | Nominal O.D. mm |
|---------|-------|-------------------------|-----------------------|
|---------|-------|-------------------------|-----------------------|

| Art.no. | Cores | Gage mm ² | Nominal O.D. mm |
|---------|-------|-------------------------|-----------------------|
|---------|-------|-------------------------|-----------------------|

Black outer jacket:

Orange outer jacket:

| | | | |
|---------|-----------|--|-----|
| 0150004 | 4 x 0,14 | | 3,6 |
| 0150012 | 12 x 0,15 | | 5,3 |

| | | | |
|---------|-----------|--|-----|
| 0150102 | 2 x 0,25 | | 3,7 |
| 0150106 | 6 x 0,25 | | 4,9 |
| 0150107 | 7 x 0,25 | | 5,3 |
| 0150112 | 12 x 0,25 | | 6,4 |
| 0150116 | 16 x 0,25 | | 7,0 |

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|---------|----------|--|-----|
| 0150202 | 2 x 0,34 | | 3,9 |
|---------|----------|--|-----|

| | | | |
|---------|---------|--|-----|
| 0150302 | 2 x 0,5 | | 4,4 |
| 0150303 | 3 x 0,5 | | 4,6 |
| 0150304 | 4 x 0,5 | | 5,0 |

| | | | |
|---------|-----------|--|------|
| 0150402 | 2 x 0,75 | | 4,8 |
| 0150403 | 3 x 0,75 | | 5,0 |
| 0150404 | 4 x 0,75 | | 5,7 |
| 0150405 | 5 x 0,75 | | 6,3 |
| 0150407 | 7 x 0,75 | | 7,3 |
| 0150408 | 8 x 0,75 | | 7,8 |
| 0150412 | 12 x 0,75 | | 9,0 |
| 0150416 | 16 x 0,75 | | 10,0 |
| 0150425 | 25 x 0,75 | | 12,8 |
| 0150440 | 40 x 0,75 | | 15,3 |

| | | | |
|---------|--------|--|------|
| 0150502 | 2 x 1 | | 5,4 |
| 0150503 | 3 x 1 | | 5,7 |
| 0150504 | 4 x 1 | | 6,1 |
| 0150505 | 5 x 1 | | 6,8 |
| 0150507 | 7 x 1 | | 8,2 |
| 0150512 | 12 x 1 | | 9,9 |
| 0150525 | 25 x 1 | | 14,1 |
| 0150532 | 32 x 1 | | 15,3 |

| | | | |
|---------|-------|--|-----|
| 0149502 | 2 x 1 | | 5,4 |
| 0149503 | 3 x 1 | | 5,7 |
| 0149504 | 4 x 1 | | 6,1 |

| | | | |
|---------|-------|--|-----|
| 0149507 | 7 x 1 | | 8,2 |
|---------|-------|--|-----|

| | | | |
|---------|----------|--|------|
| 0150602 | 2 x 1,5 | | 5,8 |
| 0150603 | 3 x 1,5 | | 6,1 |
| 0150604 | 4 x 1,5 | | 6,6 |
| 0150605 | 5 x 1,5 | | 7,6 |
| 0150607 | 7 x 1,5 | | 9,1 |
| 0150612 | 12 x 1,5 | | 10,7 |
| 0150618 | 18 x 1,5 | | 12,9 |

| | | | |
|---------|---------|--|-----|
| 0149602 | 2 x 1,5 | | 5,8 |
| 0149603 | 3 x 1,5 | | 6,1 |
| 0149604 | 4 x 1,5 | | 6,6 |
| 0149605 | 5 x 1,5 | | 7,6 |
| 0149607 | 7 x 1,5 | | 9,1 |

| | | | |
|---------|----------|--|------|
| 0150703 | 3 x 2,5 | | 7,8 |
| 0150704 | 4 x 2,5 | | 8,5 |
| 0150705 | 5 x 2,5 | | 9,5 |
| 0150707 | 7 x 2,5 | | 11,5 |
| 0150712 | 12 x 2,5 | | 13,6 |

| | | | |
|---------|---------|--|-----|
| 0149703 | 3 x 2,5 | | 7,8 |
| 0149704 | 4 x 2,5 | | 8,5 |
| 0149705 | 5 x 2,5 | | 9,5 |

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|---------|-------|--|------|
| 0149804 | 4 x 4 | | 11,4 |
|---------|-------|--|------|

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|---------|-------|--|------|
| 0150904 | 4 x 6 | | 12,9 |
|---------|-------|--|------|