

# ÖLFLEX® CRANE

Highly Flexible & Weather-Proof Rubber Cable with Supporting Element



ÖLFLEX® CRANE is a small-diameter pendant control cable. Thanks to its extremely durable and flexible jacket, this cable can be used on machinery and equipment that is permanently exposed to harsh outdoor environments. The internal supporting element provides strain relief.

### Recommended Applications

Machinery & equipment that is exposed to harsh weather conditions; conveying & hoisting equipment; construction machinery; shipyard machinery; in industrial or sea water; cables up to 24c can be used in cable tracks

### Construction

**Conductors:** Stranded bare copper wire

**Insulation:** Rubber

**Jacket:** Rubber with integrated support element; black

### Application Advantage

- Weather-resistant for harsh environmental conditions
- Very flexible, due to extra-fine wire conductor design
- Integrated supporting element provides strain relief
- Flame retardant

### Approvals



| Cable Attributes |       | page 640 |       |
|------------------|-------|----------|-------|
| OIL              | OR-01 | FLAME    | FR-02 |
| MOTION           | FL-02 | MECH.    | MP-02 |

| Complete the Installation          |                              |
|------------------------------------|------------------------------|
| SKINTOP® Strain Relief<br>page 488 | EPIC® Connectors<br>page 280 |

### Technical Data

|   |  |
|---|--|
| <b>Minimum Bend Radius:</b><br>- for flexible use: 12.5 x cable diameter                                | <b>Conductor Stranding:</b><br>- 18 AWG: 0.15 mm wire diameter<br>- 16 AWG & larger: 0.20 mm wire diameter                             |
| <b>Temperature Range:</b><br>- for flexible use: -25°C to +80°C<br>- for stationary use: -40°C to +80°C | <b>Color Code:</b><br>- up to 5c: VDE 0293-308: Chart 6, page 673<br>- 6c & higher: Black with white numbers, plus green/yellow ground |
| <b>Nominal Voltage:</b> 300/500V  | <b>Approvals:</b> Based on VDE 0250<br>CE & RoHS   |

| Part Number              | Number of Conductors (incl. ground) | Nominal Outer Diameter (in) (mm) | Tension (lbs) | Copper Weight (lbs/mft) | Approx. Weight (lbs/mft) | SKINTOP® Metallic PG Thread | Part Number              | Number of Conductors (incl. ground) | Nominal Outer Diameter (in) (mm) | Tension (lbs) | Copper Weight (lbs/mft) | Approx. Weight (lbs/mft) | SKINTOP® Metallic PG Thread |
|--------------------------|-------------------------------------|----------------------------------|---------------|-------------------------|--------------------------|-----------------------------|--------------------------|-------------------------------------|----------------------------------|---------------|-------------------------|--------------------------|-----------------------------|
| <b>18 AWG (1.00 mm²)</b> |                                     |                                  |               |                         |                          |                             | <b>14 AWG (2.50 mm²)</b> |                                     |                                  |               |                         |                          |                             |
| 0039001*                 | 2                                   | 0.291 7.4                        | 67            | 13                      | 60                       | 52015720                    | 0039034*                 | 2                                   | 0.382 9.7                        | 67            | 33                      | 97                       | 52015730                    |
| 0039002                  | 3                                   | 0.327 8.3                        | 67            | 20                      | 71                       | 52015720                    | 0039035                  | 3                                   | 0.402 10.2                       | 67            | 50                      | 116                      | 52015730                    |
| 00390033                 | 4                                   | 0.350 8.9                        | 67            | 27                      | 85                       | 52015720                    | 00390363                 | 4                                   | 0.457 11.6                       | 67            | 66                      | 147                      | 52015730                    |
| 00390043                 | 5                                   | 0.409 10.4                       | 67            | 32                      | 100                      | 52015730                    | 00390373                 | 5                                   | 0.488 12.4                       | 84            | 81                      | 174                      | 52015740                    |
| 0039107                  | 7                                   | 0.508 12.9                       | 67            | 46                      | 138                      | 52015740                    | 0039307                  | 7                                   | 0.654 16.6                       | 118           | 115                     | 254                      | 52015750                    |
| 0039109                  | 9                                   | 0.567 14.4                       | 67            | 61                      | 189                      | 52015750                    | 0039309                  | 9                                   | 0.744 18.9                       | 152           | 154                     | 348                      | 52015760                    |
| 0039054                  | 12                                  | 0.728 18.5                       | 81            | 83                      | 284                      | 52015760                    | 0039312                  | 12                                  | 0.917 23.3                       | 202           | 207                     | 517                      | 52015760                    |
| 0039116                  | 16                                  | 0.705 17.9                       | 108           | 111                     | 274                      | 52015760                    | 0039316                  | 16                                  | 0.898 22.8                       | 270           | 276                     | 503                      | 52015760                    |
| 0039055                  | 18                                  | 0.756 19.2                       | 121           | 124                     | 303                      | 52015760                    | 0039318                  | 18                                  | 0.961 24.4                       | 304           | 290                     | 562                      | 52015760                    |
| 0039120                  | 20                                  | 0.807 20.5                       | 135           | 138                     | 356                      | 52015760                    | 0039324                  | 24                                  | 1.122 28.5                       | 405           | 387                     | 796                      | 52015765                    |
| 0039056                  | 24                                  | 0.870 22.1                       | 162           | 166                     | 434                      | 52015760                    | 0039336                  | 36                                  | 1.307 33.2                       | 607           | 581                     | 1098                     | 52015833                    |
| 0039057                  | 36                                  | 1.028 26.1                       | 243           | 249                     | 580                      | 52015765                    | <b>12 AWG (4 mm²)</b>    |                                     |                                  |               |                         |                          |                             |
| 0039148                  | 48                                  | 1.165 29.6                       | 324           | 310                     | 821                      | 52015765                    | 00390463                 | 4                                   | 0.598 15.2                       | 108           | 106                     | 206                      | 52015750                    |
| <b>16 AWG (1.50 mm²)</b> |                                     |                                  |               |                         |                          |                             | 00390473                 | 5                                   | 0.661 16.8                       | 135           | 132                     | 265                      | 52015750                    |
| 0039017*                 | 2                                   | 0.315 8.0                        | 67            | 20                      | 73                       | 52015720                    | <b>10 AWG (6 mm²)</b>    |                                     |                                  |               |                         |                          |                             |
| 0039018                  | 3                                   | 0.343 8.7                        | 67            | 30                      | 86                       | 52015720                    | 00390483                 | 4                                   | 0.661 16.8                       | 162           | 159                     | 275                      | 52015750                    |
| 00390193                 | 4                                   | 0.390 9.9                        | 67            | 40                      | 106                      | 52015730                    | 00390493                 | 5                                   | 0.756 19.2                       | 202           | 198                     | 355                      | 52015760                    |
| 00390203                 | 5                                   | 0.429 10.9                       | 67            | 50                      | 126                      | 52015730                    | <b>8 AWG (10 mm²)</b>    |                                     |                                  |               |                         |                          |                             |
| 0039061                  | 7                                   | 0.551 14.0                       | 71            | 69                      | 175                      | 52015750                    | 00390503                 | 4                                   | 0.858 21.8                       | 270           | 264                     | 469                      | 52015760                    |
| 0039208                  | 8                                   | 0.598 15.2                       | 81            | 82                      | 202                      | 52015750                    | 00390513                 | 5                                   | 0.969 24.6                       | 337           | 330                     | 573                      | 52015765                    |
| 0039209                  | 9                                   | 0.626 15.9                       | 91            | 93                      | 252                      | 52015750                    | <b>6 AWG (16 mm²)</b>    |                                     |                                  |               |                         |                          |                             |
| 0039210                  | 10                                  | 0.669 17.0                       | 101           | 103                     | 287                      | 52015750                    | 00390523                 | 4                                   | 1.000 25.4                       | 432           | 423                     | 655                      | 52015765                    |
| 0039058                  | 12                                  | 0.783 19.9                       | 121           | 124                     | 374                      | 52015760                    | 00390533                 | 5                                   | 1.102 28.0                       | 540           | 529                     | 824                      | 52015765                    |
| 0039059                  | 18                                  | 0.823 20.9                       | 182           | 186                     | 409                      | 52015760                    |                          |                                     |                                  |               |                         |                          |                             |
| 0039060                  | 24                                  | 0.921 23.4                       | 243           | 249                     | 554                      | 52015760                    |                          |                                     |                                  |               |                         |                          |                             |

\* 2c cable does not include ground

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question. For current information go to our website.