



USE OF CABLE

power and control cable for highest requirements in drag chain applications, for machining centers, machine and plant engineering in the field of crane and conveyor facilities, in compost-, sewage and car wash facility, laundries, in the chemical industries as well as in the food- and beverage industrie. Applicable in dry and humid rooms also outdoor.



SPECIAL FEATURES

- resistant to oil acc. to DIN EN 60811-404 4 h at +100 °C
- silicone-free
- UV-, ozone- and weather resistant acc. EN 50396 und HD 605 S2
- resistant to coolant fluids, microbes, hydrofluoric acid, salt acid and weakened sulfuric
- immune at contact with bio oil, grease, waxing and whose emulsion on herbal, animal or synth. base
- NEW: with Ripcord, for faster and core protected dismantling
- NEW: up from production date August 2016 with UL/CSA-approval

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE

PRODUCT INFORMATION

| | |
|------------------------------|---|
| Conductor material: | Bare copper strand |
| Conductor class: | Acc. to DIN VDE 0295 cl. 6 resp. IEC 60228 cl. 6 |
| Core insulation: | PELON®2 |
| Core identification: | < 0,75 mm ² : acc. to DIN 47100, ≥ 0,75 mm ² : BK with numerals + 1x GNYE |
| Overall stranding: | ≤ 11 cores stranded in layers, ≥ 12 cores stranded in bundles around tensile strength center, opt. lay length |
| Outer sheath: | TPE, with Rip Cord, low abrasion, cutproof, low adhesion |
| Sheath colour: | Black (RAL 9005) |
| Rated voltage: | 1.000 V |
| Testing voltage: | 3.000 V |
| Conductor resistance: | At +20 °C acc. to DIN VDE 0295 cl. 6 and IEC 60228 cl. 6 |
| Min. bending radius fixed: | 3 x d |
| Min. bending radius moved: | 5 x d |
| Operat. temp. fixed min/max: | -40 °C / +100 °C (UL: 90 °C) |
| Operat. temp. moved min/max: | -30 °C / +100 °C (UL: 90 °C) |
| Burning behavior: | Acc. to IEC 60332-1, cable flame test, FT1 |
| Approvals: | UL/CSA - cURus 90°C, 1000 V |
| Speed: | Self-supporting: max. 10 m/s, gliding: max. 5 m/s |
| Acceleration: | Max. 100 m/s ² |
| Bending cycles: | Up to 10 Mio. |

ITEM OVERVIEW

| Product No. | Dimension [n x mm ²] | Outer-Ø [mm] | Cu-Index [kg/km] | Weight [kg/1.000] | sheath colour | Variant |
|-------------|----------------------------------|--------------|------------------|-------------------|---------------|---|
| 1702774 | 2 X 0,5 (AWG 21) | 5,5 | 10,00 | 33,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702775 | 3 X 0,5 (AWG 21) | 5,8 | 15,00 | 40,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702776 | 4 X 0,5 (AWG 21) | 6,2 | 20,00 | 47,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702777 | 5 X 0,5 (AWG 21) | 6,6 | 25,00 | 55,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702779 | 7 X 0,5 (AWG 21) | 7,5 | 35,00 | 72,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702784 | 12 X 0,5 (AWG 21) | 10,7 | 60,00 | 124,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702790 | 18 X 0,5 (AWG 21) | 12,8 | 90,00 | 179,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702797 | 25 X 0,5 (AWG 21) | 14,4 | 125,00 | 245,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702808 | 36 X 0,5 (AWG 21) | 18,0 | 180,00 | 357,00 | black | V1: KAWEFLEX Allround 7140 SK-TPE UL/CSA - DIN47100 |
| 1702814 | 2 X 0,75 (AWG 19) | 5,9 | 15,00 | 41,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702815 | 3 G 0,75 (AWG 19) | 6,2 | 23,00 | 50,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |

KAWEFLEX® Allround 714.0 SK-TPE UL/CSA

| Product No. | Dimension [n x mm²] | Outer-Ø [mm] | Cu-Index [kg/km] | Weight [kg/1.000] | sheath colour | Variant |
|-------------|---------------------|--------------|------------------|-------------------|---------------|--|
| 1702816 | 4 G 0,75 (AWG 19) | 6,6 | 30,00 | 60,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702817 | 5 G 0,75 (AWG 19) | 7,2 | 38,00 | 72,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702819 | 7 G 0,75 (AWG 19) | 8,1 | 53,00 | 94,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702824 | 12 G 0,75 (AWG 19) | 11,8 | 90,00 | 168,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702830 | 18 G 0,75 (AWG 19) | 14,7 | 135,00 | 253,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702837 | 25 G 0,75 (AWG 19) | 16,4 | 188,00 | 344,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702848 | 36 G 0,75 (AWG 19) | 20,2 | 270,00 | 499,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702854 | 42 G 0,75 (AWG 19) | 21,3 | 315,00 | 564,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702860 | 2 X 1 (AWG 18) | 6,3 | 20,00 | 50,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702861 | 3 G 1 (AWG 18) | 6,6 | 30,00 | 61,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702862 | 4 G 1 (AWG 18) | 7,1 | 40,00 | 74,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702863 | 5 G 1 (AWG 18) | 7,7 | 50,00 | 89,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702865 | 7 G 1 (AWG 18) | 8,7 | 70,00 | 118,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702866 | 8 G 1 (AWG 18) | 9,2 | 80,00 | 127,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702870 | 12 G 1 (AWG 18) | 12,8 | 120,00 | 213,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702876 | 18 G 1 (AWG 18) | 15,9 | 180,00 | 317,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702883 | 25 G 1 (AWG 18) | 17,4 | 250,00 | 428,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702888 | 36 G 1 (AWG 18) | 22,0 | 360,00 | 637,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702891 | 42 G 1 (AWG 18) | 23,8 | 420,00 | 762,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702895 | 2 X 1,5 (AWG 16) | 6,9 | 30,00 | 64,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702896 | 3 G 1,5 (AWG 16) | 7,3 | 45,00 | 81,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702897 | 4 G 1,5 (AWG 16) | 7,8 | 60,00 | 99,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702898 | 5 G 1,5 (AWG 16) | 8,5 | 75,00 | 125,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702900 | 7 G 1,5 (AWG 16) | 10,0 | 105,00 | 164,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702905 | 12 G 1,5 (AWG 16) | 14,8 | 180,00 | 301,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702911 | 18 G 1,5 (AWG 16) | 18,3 | 270,00 | 446,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702918 | 25 G 1,5 (AWG 16) | 20,3 | 375,00 | 609,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702929 | 36 G 1,5 (AWG 16) | 25,1 | 540,00 | 886,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702933 | 42 G 1,5 (AWG 16) | 27,2 | 630,00 | 1039,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702940 | 2 X 2,5 (AWG 14) | 8,1 | 50,00 | 96,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702941 | 3 G 2,5 (AWG 14) | 8,6 | 75,00 | 123,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702942 | 4 G 2,5 (AWG 14) | 9,3 | 100,00 | 153,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702943 | 5 G 2,5 (AWG 14) | 10,2 | 125,00 | 187,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702945 | 7 G 2,5 (AWG 14) | 12,0 | 175,00 | 255,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702950 | 12 G 2,5 (AWG 14) | 18,7 | 300,00 | 494,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702956 | 18 G 2,5 (AWG 14) | 22,6 | 450,00 | 705,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |
| 1702963 | 25 G 2,5 (AWG 14) | 25,3 | 625,00 | 976,00 | black | V2: KAWEFLEX Allround 7140 SK-TPE UL/CSA - JZ/OZ |