



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 7140 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