



USE OF CABLE

power and control cable for EMC compatible connecting at 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 print + 1x GNYE
Overall stranding:	≤ 11 cores stranded in layers, ≥ 12 cores stranded in bundles around tensile strength center, opt. lay length
Inner sheath material:	TPE, with Rip cord
Shield3:	Copper braid tinned, opt. coverage min. 85 %
Outer sheath:	TPE
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
1703301	2 X 0,5 (AWG 21)	7,1	24,00	59,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703302	3 X 0,5 (AWG 21)	7,4	30,00	68,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703303	4 X 0,5 (AWG 21)	7,8	37,00	78,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703304	5 X 0,5 (AWG 21)	8,2	43,00	88,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703306	7 X 0,5 (AWG 21)	9,5	57,00	109,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703311	12 X 0,5 (AWG 21)	13,0	114,00	219,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703317	18 X 0,5 (AWG 21)	15,0	149,00	280,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703324	25 X 0,5 (AWG 21)	16,7	190,00	356,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703329	30 X 0,5 (AWG 21)	18,2	239,00	410,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100
1703335	36 X 0,5 (AWG 21)	21,0	285,00	542,00	black	V1: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - DIN47100

KAWEFLEX® Allround 7240 SK-C-TPE UL/CSA

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1703341	2 X 0,75 (AWG 19)	7,5	31,00	70,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703342	3 G 0,75 (AWG 19)	8,0	40,00	84,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703343	4 G 0,75 (AWG 19)	8,2	48,00	92,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703344	5 G 0,75 (AWG 19)	8,8	57,00	110,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703346	7 G 0,75 (AWG 19)	10,3	76,00	138,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703351	12 G 0,75 (AWG 19)	14,8	143,00	270,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703357	18 G 0,75 (AWG 19)	17,9	200,00	381,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703364	25 G 0,75 (AWG 19)	19,0	284,00	490,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703375	36 G 0,75 (AWG 19)	22,8	384,00	695,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703381	42 G 0,75 (AWG 19)	24,6	441,00	779,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703387	2 X 1 (AWG 18)	7,7	37,00	78,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703388	3 G 1 (AWG 18)	8,0	48,00	90,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703389	4 G 1 (AWG 18)	8,7	59,00	109,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703390	5 G 1 (AWG 18)	9,3	72,00	127,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703392	7 G 1 (AWG 18)	11,1	95,00	161,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703397	12 G 1 (AWG 18)	15,2	179,00	310,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703403	18 G 1 (AWG 18)	18,7	249,00	451,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703410	25 G 1 (AWG 18)	21,1	354,00	611,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703414	36 G 1 (AWG 18)	24,7	486,00	836,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703417	42 G 1 (AWG 18)	26,6	554,00	963,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703422	3 G 1,5 (AWG 16)	9,1	67,00	120,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703423	4 G 1,5 (AWG 16)	9,7	83,00	142,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703424	5 G 1,5 (AWG 16)	10,4	100,00	166,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703426	7 G 1,5 (AWG 16)	12,3	134,00	218,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703431	12 G 1,5 (AWG 16)	18,3	249,00	436,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703437	18 G 1,5 (AWG 16)	21,6	382,00	614,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703444	25 G 1,5 (AWG 16)	24,6	501,00	837,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703455	36 G 1,5 (AWG 16)	30,8	732,00	1275,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703458	42 G 1,5 (AWG 16)	32,6	839,00	1454,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703461	3 G 2,5 (AWG 14)	10,4	100,00	167,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703462	4 G 2,5 (AWG 14)	11,4	128,00	196,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703463	5 G 2,5 (AWG 14)	12,3	155,00	244,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703465	7 G 2,5 (AWG 14)	15,1	230,00	359,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703470	12 G 2,5 (AWG 14)	21,7	413,00	670,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ
1703476	18 G 2,5 (AWG 14)	27,9	592,00	973,00	black	V2: KAWEFLEX Allround 7240 SK-C-TPE UL/CSA - JZ/OZ