



USE OF CABLE

flexible single core power cable for highest electrical and mechanical requirements in drag chain and motion drive systems in machine and plant engineering in the field of crane and conveyor technology in dry and humid rooms also outdoor.



SPECIAL FEATURES

- UL/CSA approved
- halogen-free, flame-retardant, low abrasion, resistant to hydrolysis and microbe
- resistant to grease, coolant fluids and lubricants
- resistant to oil acc. to DIN EN 60811-404
- silicone-free
- UV-resistant

REMARKS

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

PRODUCT INFORMATION

Conductor material:	Bare copper bundle strand
Conductor class:	Super fine wires acc. to DIN VDE 0295 cl. 6 resp. IEC 60228 cl. 6
Core insulation:	TPE
Core identification:	GNYE
Outer sheath:	TPE
Sheath colour:	Black (RAL 9005)
Rated voltage:	600/1.000 V
Testing voltage:	4.000 V
Min. bending radius fixed:	4 x d
Min. bending radius moved:	7,5 x d
Operat. temp. fixed min/max:	-50 °C / +90 °C
Operat. temp. moved min/max:	-40 °C / +90 °C
Burning behavior:	Acc. to IEC 60332-1, cable flame test, FT1
Approvals:	UL/CSA - cURus 80 °C, 1.000 V
Speed:	Self-supporting: max. 10 m/s, gliding: max. 6 m/s
Acceleration:	Max. 100 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1706400	1 G 1,5 (AWG 16)	4,8	15,00	33,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706401	1 G 2,5 (AWG 14)	5,5	25,00	47,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706402	1 G 4 (AWG 12)	6,1	40,00	64,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706403	1 G 6 (AWG 10)	7,0	60,00	96,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706404	1 G 10 (AWG 8)	8,0	100,00	142,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706405	1 G 16 (AWG 6)	9,5	160,00	211,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706406	1 G 25 (AWG 4)	11,5	250,00	323,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706407	1 G 35 (AWG 2)	12,5	350,00	428,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706409	1 G 50 (AWG 1)	14,5	500,00	598,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706411	1 G 70 (AWG 2/0)	16,5	700,00	801,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706413	1 G 95 (AWG 3/0)	19,0	950,00	1061,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706415	1 G 120 (AWG 4/0)	21,5	1200,00	1280,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706417	1 G 150 (250 MCM)	23,0	1500,00	1605,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)
1706419	1 G 185 (350 MCM)	27,0	1850,00	1996,00	black	V0: KAWEFLEX Allround 7520 SK-TPE UL/CSA (GNGE)

