



USE OF CABLE

power, control and connecting cable in electrical systems and hand-held power tools, for fixed laying and flexible applications without tensile stress and without defined cable routing. Particularly suitable for use in machine tool construction, in laundries, car washes, in medical technology, the food and chemical industries.



Suitable for installation in dry, damp and wet rooms and outdoors, but not suitable for underground installation.

SPECIAL FEATURES

- increased oil- and bio-oil resistant special-TPE-outer sheath
- good resistance to ammonia compounds and biogases
- resistant to hydrolysis and microbes
- low-capacity
- free from lacquer damaging substances and silicone (during production)
- weather, UV- and ozone resistant TPE outer sheath

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to IEC 60228 cl. 5
Core insulation:	PP
Core identification:	Acc. to DIN VDE 0293 black cores with white numerals, G: with GNYE
Stranding:	Stranded in layers
Outer sheath:	Special TPE-compound
Sheath colour:	Black RAL 9005
Rated voltage:	300/500 V
Testing voltage:	3 kV
Conductor resistance:	Acc. to IEC 60228 cl. 5
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	4 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	-50 °C / +80 °C
Operat. temp. moved min/max:	-40 °C / +80 °C
Halogen free:	Acc. to IEC 60754-1
Smoke density:	Acc. to IEC 61034
Corrodibility:	Acc. to IEC 60754-2
Resistant to oil:	Acc. to IEC 60811-404
Standard:	Similar to EN 50525-2-51

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005520	2 X 0,5	4,7	9,60	26,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005521	3 G 0,5	5,0	14,40	32,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005522	3 X 0,5	5,0	14,40	33,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005523	4 G 0,5	5,4	19,20	39,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005524	4 X 0,5	5,4	19,20	39,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005525	5 G 0,5	6,1	24,00	49,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005526	5 X 0,5	6,1	24,00	49,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005527	7 G 0,5	6,6	33,60	66,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005528	7 X 0,5	6,6	33,60	66,00	black	V0: KAWEFLEX CONTROL ROBUST TPE

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005529	12 G 0,5	8,9	57,60	110,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005530	14 G 0,5	9,3	67,20	118,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005531	18 G 0,5	10,5	86,40	156,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005532	25 G 0,5	12,2	120,00	214,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005533	2 X 0,75	5,1	15,00	34,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005534	3 G 0,75	5,4	21,60	42,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005535	3 X 0,75	5,4	21,60	42,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005536	4 G 0,75	6,1	28,80	54,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005537	4 X 0,75	6,1	28,80	54,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005538	5 G 0,75	6,7	36,00	66,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005539	5 X 0,75	6,7	36,00	66,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005540	7 G 0,75	7,2	50,40	91,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005541	7 X 0,75	7,2	50,40	91,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005542	12 G 0,75	9,7	86,40	148,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005543	18 G 0,75	11,5	130,00	216,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005544	25 G 0,75	13,6	180,00	386,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005545	34 G 0,75	15,6	245,00	386,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005546	2 X 1	5,6	19,20	41,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005547	3 G 1	6,2	28,80	55,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005548	3 X 1	6,2	28,80	55,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005549	4 G 1	6,7	38,40	67,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005550	4 X 1	6,7	38,40	67,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005551	5 G 1	7,5	48,00	83,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005552	5 X 1	7,5	48,00	83,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005553	7 G 1	8,2	67,20	113,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005554	7 X 1	8,2	67,20	113,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005555	12 G 1	10,9	115,00	187,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005556	18 G 1	13,0	173,00	269,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005557	25 G 1	15,2	240,00	374,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005558	34 G 1	17,7	326,00	484,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005559	2 X 1,5	6,4	28,80	57,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005560	3 G 1,5	6,8	43,20	73,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005561	3 X 1,5	6,8	43,20	73,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005562	4 G 1,5	7,6	57,60	93,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005563	4 X 1,5	7,6	57,60	93,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005564	5 G 1,5	8,3	72,00	112,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005565	5 X 1,5	8,3	72,00	112,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005566	7 G 1,5	9,3	101,00	157,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005567	7 X 1,5	9,3	101,00	157,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005568	12 G 1,5	12,3	173,00	259,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005569	18 G 1,5	14,8	259,00	378,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005570	25 G 1,5	17,1	360,00	519,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005571	34 G 1,5	19,9	490,00	683,00	black	V0: KAWEFLEX CONTROL ROBUST TPE

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005572	2 X 2,5	7,7	48,00	86,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005573	3 G 2,5	8,2	72,00	112,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005574	3 X 2,5	8,2	72,00	112,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005575	4 G 2,5	9,1	96,00	143,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005576	5 G 2,5	10,0	120,00	143,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005577	7 G 2,5	11,1	168,00	174,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005578	12 G 2,5	15,0	288,00	409,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005579	18 G 2,5	17,9	432,00	594,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005580	25 G 2,5	20,9	600,00	824,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005581	34 G 2,5	24,7	816,00	1080,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005582	2 X 4	9,2	76,80	122,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005583	3 G 4	9,7	115,00	168,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005584	4 G 4	10,9	154,00	217,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005585	5 G 4	12,1	192,00	248,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005586	7 G 4	13,4	269,00	377,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005587	2 X 6	10,7	115,00	174,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005588	3 G 6	11,4	173,00	232,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005589	4 G 6	12,7	230,00	296,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005590	5 G 6	14,2	288,00	365,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005591	7 G 6	15,7	403,00	365,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005592	2 X 10	12,9	192,00	272,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005593	3 G 10	13,9	173,00	365,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005594	4 G 10	15,5	384,00	466,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005595	5 G 10	17,3	480,00	577,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005596	7 G 10	19,3	672,00	794,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005597	3 G 16	13,7	461,00	565,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005598	4 G 16	19,2	614,00	732,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005599	5 G 16	21,4	768,00	906,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005600	7 G 16	23,8	1075,00	1200,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005601	4 G 25	23,7	960,00	1218,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005602	5 G 25	26,6	1200,00	1450,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005603	4 G 35	26,9	1344,00	1658,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005604	5 G 35	30,2	1680,00	1971,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005605	3 G 50	29,4	1440,00	1752,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005606	4 G 50	32,7	1920,00	2272,00	black	V0: KAWEFLEX CONTROL ROBUST TPE
1005607	4 G 70	36,6	2688,00	3039,00	black	V0: KAWEFLEX CONTROL ROBUST TPE