



USE OF CABLE

shielded 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
- recommended for EMC-applications

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
Shield3:	Copper braid tinned; coverage ca. 85 %
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:	6 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 mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005608	2 X 0,5	5,5	24,00	37,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005609	3 G 0,5	5,8	29,00	44,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005610	3 X 0,5	5,8	29,00	44,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005611	4 G 0,5	6,2	39,00	59,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005612	4 X 0,5	6,2	39,00	59,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005613	5 G 0,5	6,7	44,00	67,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005614	5 X 0,5	6,7	44,00	67,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005615	7 G 0,5	7,2	59,00	84,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE

KAWEFLEX® CONTROL ROBUST C-TPE

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005616	7 X 0,5	7,2	59,00	84,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005617	12 G 0,5	9,5	88,00	130,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005618	12 X 0,5	9,5	88,00	84,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005619	18 G 0,5	11,2	126,00	187,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005620	18 X 0,5	11,2	126,00	187,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005621	25 G 0,5	13,0	165,00	240,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005622	25 X 0,5	13,0	165,00	165,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005623	2 X 0,75	5,9	29,00	46,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005624	3 G 0,75	6,2	41,00	60,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005625	3 X 0,75	6,2	41,00	60,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005626	4 G 0,75	6,7	49,00	71,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005627	4 X 0,75	6,7	49,00	71,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005628	5 G 0,75	7,5	61,00	90,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005629	5 X 0,75	7,5	61,00	90,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005630	7 G 0,75	8,0	76,00	107,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005631	7 X 0,75	8,0	76,00	107,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005632	12 G 0,75	10,5	121,00	121,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005633	12 X 0,75	10,5	121,00	173,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005634	18 G 0,75	12,3	174,00	249,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005635	18 X 0,75	12,3	174,00	248,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005636	25 G 0,75	14,4	250,00	345,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005637	2 X 1	6,4	39,00	57,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005638	3 G 1	6,8	49,00	69,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005639	3 X 1	6,8	49,00	69,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005640	4 G 1	7,5	63,00	90,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005641	4 X 1	7,5	63,00	90,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005642	5 G 1	8,1	73,00	105,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005643	5 X 1	8,1	73,00	105,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005644	7 G 1	9,0	97,00	134,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005645	7 X 1	9,0	97,00	134,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005646	12 G 1	11,5	155,00	210,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005647	18 G 1	14,0	235,00	320,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005648	25 G 1	16,2	319,00	427,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005649	2 X 1,5	7,0	49,00	69,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005650	3 G 1,5	7,6	68,00	93,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005651	3 X 1,5	7,6	68,00	93,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005652	4 G 1,5	8,2	83,00	113,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005653	4 X 1,5	8,2	83,00	113,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005654	5 G 1,5	9,1	102,00	140,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005655	5 X 1,5	9,1	102,00	140,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005656	7 G 1,5	9,9	136,00	177,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005657	7 X 1,5	9,9	136,00	177,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005658	12 G 1,5	13,3	218,00	283,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005659	18 G 1,5	15,6	330,00	430,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005660	25 G 1,5	18,2	448,00	573,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005661	3 G 2,5	9,0	102,00	134,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005662	3 X 2,5	9,0	102,00	134,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005663	4 G 2,5	9,7	131,00	169,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005664	5 G 2,5	10,9	155,00	205,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005665	7 G 2,5	11,9	208,00	264,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005666	4 G 4	11,5	193,00	243,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005667	5 G 4	12,7	237,00	301,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005668	4 G 6	13,7	292,00	362,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005669	5 G 6	15,2	358,00	449,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005670	4 G 10	16,5	464,00	573,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE
1005672	4 G 16	20,0	711,00	846,00	black	V0: KAWEFLEX CONTROL ROBUST C-TPE