



USE OF CABLE

as power, control and connecting cable in electrical systems and hand-held power tools, for fixed installation and flexible applications with free movement without tensile stress and without forced routing. Suitable for use in dry, humid and wet rooms. Outdoor use within the temperature range, but no laying underground.



SPECIAL FEATURES

- increased oil-resistant special two-layer outer sheath, resistant to acids, alkalis, solvents, hydrolysis, microbes, fats, etc.
- UV-resistant according to EN ISO 4892-2-2006, method A (colour change permitted)
- Ozone-resistant acc. to EN 50396 method B
- increased abrasion and cut resistance, notch-resistant, tear-resistant
- integrated wear indicator - damage to the grey outer jacket is visible through the black inner jacket underneath.
- more safety and efficiency in industrial and manual stripping

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- LABS-/silicone-free (during production)
- 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:	PVC
Core identification:	Acc. to DIN VDE 0293 black cores with white numerals, G: with GNYE
Stranding:	Stranded in layers
Outer sheath:	YPUR - two-layer jacket
Outer sheath construction:	PVC functional layer, black, crotches filled extruded under PUR outer jacket
Sheath colour:	Grey RAL 7001
Rated voltage:	U ₀ /U: 300/500 V
Testing voltage:	4 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:	12,5 x d
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-15 °C / +70 °C
Temp. at conductor:	+70 °C in operation; +150 °C in case of short-circuit
Burning behavior:	Self-extinguishing and flame-retardant acc.to IEC 60332-1
Resistant to oil:	Acc.to EN 50363-10-2 & MUD res. acc. to IEC61892-4 Annex D
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
1005201	2 X 0,5	4,8	9,60	32,00	grey	V1: KAWEFLEX CONTROL YPUR
1005202	3 G 0,5	5,1	14,40	39,00	grey	V1: KAWEFLEX CONTROL YPUR
1005203	3 X 0,5	5,1	14,40	39,00	grey	V1: KAWEFLEX CONTROL YPUR
1005204	4 G 0,5	5,5	19,20	49,00	grey	V1: KAWEFLEX CONTROL YPUR
1005205	4 X 0,5	5,5	19,20	49,00	grey	V1: KAWEFLEX CONTROL YPUR
1005206	5 G 0,5	6,3	24,00	59,00	grey	V1: KAWEFLEX CONTROL YPUR
1005207	5 X 0,5	6,3	24,00	59,00	grey	V1: KAWEFLEX CONTROL YPUR
1005208	7 G 0,5	6,8	33,60	73,00	grey	V1: KAWEFLEX CONTROL YPUR
1005209	7 X 0,5	6,8	33,60	73,00	grey	V1: KAWEFLEX CONTROL YPUR
1005210	10 G 0,5	8,6	48,00	116,00	grey	V1: KAWEFLEX CONTROL YPUR

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005211	12 G 0,5	9,1	57,60	129,00	grey	V1: KAWEFLEX CONTROL YPUR
1005212	18 G 0,5	10,8	86,40	184,00	grey	V1: KAWEFLEX CONTROL YPUR
1005213	25 G 0,5	12,5	120,00	256,00	grey	V1: KAWEFLEX CONTROL YPUR
1005214	2 X 0,75	5,2	14,40	42,00	grey	V1: KAWEFLEX CONTROL YPUR
1005215	3 G 0,75	5,5	21,60	51,00	grey	V1: KAWEFLEX CONTROL YPUR
1005216	3 X 0,75	5,5	21,60	51,00	grey	V1: KAWEFLEX CONTROL YPUR
1005217	4 G 0,75	6,2	28,80	62,00	grey	V1: KAWEFLEX CONTROL YPUR
1005218	4 X 0,75	6,2	28,80	62,00	grey	V1: KAWEFLEX CONTROL YPUR
1005219	5 G 0,75	6,8	36,00	75,00	grey	V1: KAWEFLEX CONTROL YPUR
1005220	5 X 0,75	6,8	36,00	75,00	grey	V1: KAWEFLEX CONTROL YPUR
1005221	7 G 0,75	7,6	50,40	95,00	grey	V1: KAWEFLEX CONTROL YPUR
1005222	7 X 0,75	7,6	50,40	95,00	grey	V1: KAWEFLEX CONTROL YPUR
1005223	10 G 0,75	9,6	72,00	153,00	grey	V1: KAWEFLEX CONTROL YPUR
1005224	12 G 0,75	9,9	86,40	170,00	grey	V1: KAWEFLEX CONTROL YPUR
1005225	18 G 0,75	12,0	129,60	245,00	grey	V1: KAWEFLEX CONTROL YPUR
1005226	25 G 0,75	13,9	180,00	340,00	grey	V1: KAWEFLEX CONTROL YPUR
1005227	2 X 1	5,5	19,20	49,00	grey	V1: KAWEFLEX CONTROL YPUR
1005228	3 G 1	6,1	28,80	60,00	grey	V1: KAWEFLEX CONTROL YPUR
1005229	3 X 1	6,1	28,80	60,00	grey	V1: KAWEFLEX CONTROL YPUR
1005230	4 G 1	6,6	38,40	74,00	grey	V1: KAWEFLEX CONTROL YPUR
1005231	4 X 1	6,6	38,40	74,00	grey	V1: KAWEFLEX CONTROL YPUR
1005232	5 G 1	7,2	48,00	90,00	grey	V1: KAWEFLEX CONTROL YPUR
1005233	5 X 1	7,2	48,00	90,00	grey	V1: KAWEFLEX CONTROL YPUR
1005234	7 G 1	8,0	67,20	118,00	grey	V1: KAWEFLEX CONTROL YPUR
1005235	7 X 1	8,0	67,20	118,00	grey	V1: KAWEFLEX CONTROL YPUR
1005236	10 G 1	10,4	96,00	184,00	grey	V1: KAWEFLEX CONTROL YPUR
1005237	12 G 1	10,7	115,00	204,00	grey	V1: KAWEFLEX CONTROL YPUR
1005238	18 G 1	12,7	172,80	303,00	grey	V1: KAWEFLEX CONTROL YPUR
1005239	25 G 1	14,9	240,00	412,00	grey	V1: KAWEFLEX CONTROL YPUR
1005240	2 X 1,5	6,3	28,80	64,00	grey	V1: KAWEFLEX CONTROL YPUR
1005241	3 G 1,5	6,7	43,20	81,00	grey	V1: KAWEFLEX CONTROL YPUR
1005242	3 X 1,5	6,7	43,20	81,00	grey	V1: KAWEFLEX CONTROL YPUR
1005243	4 G 1,5	7,5	58,00	99,00	grey	V1: KAWEFLEX CONTROL YPUR
1005244	4 X 1,5	7,5	58,00	99,00	grey	V1: KAWEFLEX CONTROL YPUR
1005245	5 G 1,5	8,2	72,00	125,00	grey	V1: KAWEFLEX CONTROL YPUR
1005246	5 X 1,5	8,2	72,00	125,00	grey	V1: KAWEFLEX CONTROL YPUR
1005247	7 G 1,5	9,1	100,80	161,00	grey	V1: KAWEFLEX CONTROL YPUR
1005248	7 X 1,5	9,1	100,80	161,00	grey	V1: KAWEFLEX CONTROL YPUR
1005249	12 G 1,5	12,1	172,80	286,00	grey	V1: KAWEFLEX CONTROL YPUR
1005250	18 G 1,5	14,4	259,20	419,00	grey	V1: KAWEFLEX CONTROL YPUR
1005251	25 G 1,5	16,8	360,00	580,00	grey	V1: KAWEFLEX CONTROL YPUR
1005252	3 G 2,5	8,2	72,00	125,00	grey	V1: KAWEFLEX CONTROL YPUR
1005253	4 G 2,5	9,1	96,00	158,00	grey	V1: KAWEFLEX CONTROL YPUR

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005254	5 G 2,5	10,0	120,00	198,00	grey	V1: KAWEFLEX CONTROL YPUR
1005255	7 G 2,5	11,1	168,00	259,00	grey	V1: KAWEFLEX CONTROL YPUR
1005256	12 G 2,5	15,0	288,00	454,00	grey	V1: KAWEFLEX CONTROL YPUR
1005257	3 G 4	9,7	115,20	188,00	grey	V1: KAWEFLEX CONTROL YPUR
1005258	4 G 4	10,9	153,60	241,00	grey	V1: KAWEFLEX CONTROL YPUR
1005259	5 G 4	12,1	192,00	302,00	grey	V1: KAWEFLEX CONTROL YPUR
1005260	7 G 4	13,4	268,80	394,00	grey	V1: KAWEFLEX CONTROL YPUR
1005261	4 G 6	12,8	230,40	356,00	grey	V1: KAWEFLEX CONTROL YPUR
1005262	5 G 6	14,3	288,00	443,00	grey	V1: KAWEFLEX CONTROL YPUR
1005263	7 G 6	15,9	403,20	579,00	grey	V1: KAWEFLEX CONTROL YPUR
1005264	4 G 10	16,3	384,00	571,00	grey	V1: KAWEFLEX CONTROL YPUR
1005265	5 G 10	18,2	480,00	714,00	grey	V1: KAWEFLEX CONTROL YPUR
1005266	7 G 10	20,0	672,00	935,00	grey	V1: KAWEFLEX CONTROL YPUR
1005267	4 G 16	18,8	614,40	843,00	grey	V1: KAWEFLEX CONTROL YPUR