



CONTROL FLEX CP

PUR Insulated, Numbered, Shielded, PUR sheath

Technical data

- | | | | |
|---|---|--|---|
| Core identification code
Black with white numbers based on:
VDE 0293 | Specific insulation resistance
> 20 GOhm x cm | Minimum bending radius
occasional flexing: 15 x cable diameter | Protective conductor
G=with protective conductor GN/YE
X=without protective conductor |
| Based on
HD 21.13 S1; VDE 0281 Part 13 | Rated voltage
U _o /U: 300/500 V | Conductor
fine wire base to
VDE 0295 C1.5 | Range of temperature
occasional flexing: -25 °C to +90 °C
fixed installation: -30 °C to +90 °C |
| | Test voltage
3000V | | |

Benefits

- * Protects against water and dirt
- * Fire: low corrosive smoke emission
- * EMC compliant
- * Wear-resistant

Product features

- * Oil resistant and adhesion-free
- * Abrasion and cut resistant
- * Halogen-free
- * Flame-retardant (IEC 60332.1-2)

Product Make-UP

- * Tinned copper wire bunched conductor
- * Core insulation: PUR
- * Inner Sheath : PUR
- * Screen made of tinned copper wire braid
- * Special polyurethane sheath (PUR)
- * Silver grey (RAL 7001)

Approvals (Norm references)

- * Using RoHS compliances compounds
- * CE

Application range

- * Construction machinery
- * Machine tools
- * Especially in wet area of machine tools and transfer lines under normal mechanical
- * Production plants
- * Indoors and outdoors

Part Number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
CONTROL FLEX - CP; U_o / U: 300 / 500 V				
1501043	3 G 0.5	8.9	44	112
1501044	4 G 0.5	9.5	52	126
1501045	5 G 0.5	10.1	61	146
1501047	7 G 0.5	11.1	75	174
1501412	12 G 0.5	13.7	131	267
1501418	18 G 0.5	15.9	168	363
1501425	25 G 0.5	18.0	212	463
1500052	2 X 0.75	9.0	45	112
1501053	3 G 0.75	9.4	52	126
1501054	4 G 0.75	10.0	67	145
1501055	5 G 0.75	11.0	75	179
1501057	7 G 0.75	11.9	96	207
1501512	12 G 0.75	14.5	160	313
1501525	25 G 0.75	20.0	283	587
1500062	2 X 1.0	9.3	49	122
1501063	3 G 1.0	9.7	60	140
1501064	4 G 1.0	10.4	78	161
1501065	5 G 1.0	11.5	88	198
1501067	7 G 1.0	12.4	115	235
1501612	12 G 1.0	15.7	201	371
1501618	18 G 1.0	18.2	267	512
1501625	25 G 1.0	21.0	351	678
1500072	2 X 1.5	10.3	68	151
1501073	3 G 1.5	10.7	83	172
1501074	4 G 1.5	11.5	102	202
1501075	5 G 1.5	12.3	119	240
1501077	7 G 1.5	13.4	186	287
1501712	12 G 1.5	18.0	264	498
1501718	18 G 1.5	20.9	379	687
1501725	25 G 1.5	23.8	534	899
1501083	3 G 2.5	12.1	121	229
1501084	4 G 2.5	13.0	145	273
1501085	5 G 2.5	14.6	205	347
1501087	7 G 2.5	16.1	259	421
1501812	12 G 2.5	21.0	407	704

* Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

* other sizes can be manufactured on demand

We Carry Signals

For Current Information See : www.sapflexkabel.com