

PUR sheathed control cable FABER[®] 100 F-CP



Application: Robust PUR control cable distinguished by high abrasion-resistance and notch-tensile strength. The high resistance to oil and coolants enables applications in mechanical and plant engineering, mills and steelworks. For medium mechanical strain without tensile stress or forced guidance. The structure without inner jacket ensures space-saving installation indoors and outdoors.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	special PVC-compound
Screen:	copper braid
Screen coverage:	85 %
Sheathing material:	polyurethan
Colour of outer sheath:	grey RAL 7001
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	EN 60811-404
Ozone-resistant:	yes
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-5 - +80 °C
Bending radius, fixed installation:	5 x Ø
Bending radius, moving application:	10 x Ø
Transfer impedance:	250 Ohm/km



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Nominal voltage U_o: 300 V

Nominal voltage U: 500 V

Protective conductor: yes

Core identification: green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
035006	02X0.5	39	5.8	36	44
035007	03G0.5	39	6.1	43	58
034538	04G0.5	39	6.5	49	72
035008	05G0.5	39	7	57	86
033532	02X0.75	26	5.8	47	77
033533	03G0.75	26	6.1	54	89
033534	04G0.75	26	6.5	77	102
033535	05G0.75	26	7.1	86	117
033536	07G0.75	26	8.3	96	152
033537	10G0.75	26	10.1	141	180
033538	12G0.75	26	10.3	151	231
033539	14G0.75	26	10.7	167	226
033540	18G0.75	26	12.1	207	333
033541	21G0.75	26	13.4	246	376
033542	25G0.75	26	14.9	280	447
033544	32G0.75	26	16	330	485
033543	34G0.75	26	19.8	420	599
033545	41G0.75	26	17.9	467	689
033546	50G0.75	26	19.7	480	775
032012	02X1	19.5	6.1	50	66
031990	03G1	19.5	6.3	77	82
031787	04G1	19.5	6.9	87	129
032013	05G1	19.5	7.5	90	128
034558	06G1	19.5	8.3	105	145
034559	07G1	19.5	8.9	112	174
034560	08G1	19.5	9.6	130	198
034561	10G1	19.5	10.7	143	230
032050	12G1	19.5	10.9	194	262
034562	14G1	19.5	11.6	199	302
034563	16G1	19.5	12.2	218	345
034564	18G1	19.5	13.9	268	388
034565	21G1	19.5	13.6	278	480
034566	25G1	19.5	15.9	354	596
034567	34G1	19.5	17.9	452	740
034568	41G1	19.5	19.3	510	855
034569	50G1	19.5	21.2	630	1027
034475	02X1.5	13.3	7.1	65	92
031772	03G1.5	13.3	6.9	83	135
033824	04X1.5	13.3	7.5	100	146
035277	04G1.5	13.3	8.2	100	146
032049	05G1.5	13.3	8.4	120	159
032044	07G1.5	13.3	10	152	207
034570	08G1.5	13.3	10.7	172	245
034571	10G1.5	13.3	11.8	193	313
033825	12G1.5	13.3	12.1	268	352
034572	14G1.5	13.3	12.9	272	384
034573	16G1.5	13.3	13.6	285	425
034574	18G1.5	13.3	15.6	373	516

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
034615	21G1.5	13.3	16.2	424	563
033826	25G1.5	13.3	17.9	530	719
034616	34G1.5	13.3	20.8	683	907
034617	42G1.5	13.3	21.8	770	1040
034618	50G1.5	13.3	23.6	976	1292
034619	02X2.5	7.98	8.2	96	131
033827	03G2.5	7.98	8.6	147	178
034620	04G2.5	7.98	9.9	175	215
034621	05G2.5	7.98	11	203	246
034622	07G2.5	7.98	12.6	253	342
034623	10G2.5	7.98	15.1	335	462
033828	12G2.5	7.98	15.5	445	580
034624	18G2.5	7.98	19	569	978
033829	25G2.5	7.98	22.2	827	1358
034625	02X4	4.95	10	136	187
034626	03G4	4.95	10.5	178	243
034627	04G4	4.95	11.7	248	308
034628	05G4	4.95	13.3	300	386
034629	07G4	4.95	14.5	357	499
034630	03G6	3.3	12.2	241	333
034631	04G6	3.3	14.2	343	427
034632	05G6	3.3	15.2	418	510
034633	07G6	3.3	17	510	672
034634	04G10	1.91	17.2	535	710
034635	04G16	1.21	20.2	800	1050
034636	04G25	0.78	25.1	1075	1570
034637	04G35	0.554	28	1576	2070

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000