

# PUR sheathed control cable

## FABER<sup>®</sup> 100 F-CP



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**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:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	special PVC-compound
<b>Screen:</b>	copper braid
<b>Screen coverage:</b>	85 %
<b>Sheathing material:</b>	polyurethan
<b>Colour of outer sheath:</b>	grey RAL 7001
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Oil-resistant:</b>	EN 60811-404
<b>Ozone-resistant:</b>	yes
<b>Maximum temperature at conductor, °C:</b>	70 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +80 °C
<b>Bending radius, fixed installation:</b>	5 x Ø
<b>Bending radius, moving application:</b>	10 x Ø
<b>Transfer impedance:</b>	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<sub>o</sub>:** 300 V

**Nominal voltage U:** 500 V

**Protective conductor:** yes

**Core identification:** green-yellow + numbers

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg/km]
035006	2X0,5 GR	5.8	36	44
035007	3G0,5 GR	6.1	43	58
034538	4G0,5 GR	6.5	49	72
035008	5G0,5 GR	7	57	86
033532	2X0,75 GR	5.8	47	77
033533	3G0,75 GR	6.1	54	89
033534	4G0,75 GR	6.5	77	102
033535	5G0,75 GR	7.1	86	117
033536	7G0,75 GR	8.3	96	152
033537	10G0,75 GR	10.1	141	180
033538	12G0,75 GR	10.3	151	231
033539	14G0,75 GR	10.7	167	226
033540	18G0,75 GR	12.1	207	333
033541	21G0,75 GR	13.4	246	376
033542	25G0,75 GR	14.9	280	447
033544	32G0,75 GR	16	330	485
033543	34G0,75 GR	19.8	420	599
033545	41G0,75 GR	17.9	467	689
033546	50G0,75 GR	19.7	480	775
032012	2X1 GR	6.1	50	66
031990	3G1 GR	6.3	77	82
031787	4G1 GR	6.9	87	129
032013	5G1 GR	7.5	90	128
034558	6G1 GR	8.3	105	145
034559	7G1 GR	8.9	112	174
034560	8G1 GR	9.6	130	198
034561	10G1 GR	10.7	143	230
032050	12G1 GR	10.9	194	262
034562	14G1 GR	11.6	199	302
034563	16G1 GR	12.2	218	345
034564	18G1 GR	13.9	268	388
034565	21G1 GR	13.6	278	480
034566	25G1 GR	15.9	354	596
034567	34G1 GR	17.9	452	740
034568	41G1 GR	19.3	510	855
034569	50G1 GR	21.2	630	1027
034475	2X1,5 GR	7.1	65	92
031772	3G1,5 GR	6.9	83	135
033824	4X1,5 GR	7.5	100	146
035277	4G1,5 GR	8.2	100	146
032049	5G1,5 GR	8.4	120	159
032044	7G1,5 GR	10	152	207
034570	8G1,5 GR	10.7	172	245
034571	10G1,5 GR	11.8	193	313
033825	12G1,5 GR	12.1	268	352
034572	14G1,5 GR	12.9	272	384
034573	16G1,5 GR	13.6	285	425
034574	18G1,5 GR	15.6	373	516

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg/km]
034615	21G1,5 GR	16.2	424	563
033826	25G1,5 GR	17.9	530	719
034616	34G1,5 GR	20.8	683	907
034617	42G1,5 GR	21.8	770	1040
034618	50G1,5 GR	23.6	976	1292
034619	2X2,5 GR	8.2	96	131
033827	3G2,5 GR	8.6	147	178
034620	4G2,5 GR	9.9	175	215
034621	5G2,5 GR	11	203	246
034622	7G2,5 GR	12.6	253	342
034623	10G2,5 GR	15.1	335	462
033828	12G2,5 GR	15.5	445	580
034624	18G2,5 GR	19	569	978
033829	25G2,5 GR	22.2	827	1358
034625	2X4 GR	10	136	187
034626	3G4 GR	10.5	178	243
034627	4G4 GR	11.7	248	308
034628	5G4 GR	13.3	300	386
034629	7G4 GR	14.5	357	499
034630	3G6 GR	12.2	241	333
034631	4G6 GR	14.2	343	427
034632	5G6 GR	15.2	418	510
034633	7G6 GR	17	510	672
034634	4G10 GR	17.2	535	710
034635	4G16 GR	20.2	800	1050
034636	4G25 GR	25.1	1075	1570
034637	4G35 GR	28	1576	2070

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight