

# PUR sheathed control cable FACAB 100 P



<b>conductor material:</b>	bare copper
<b>conductor construction:</b>	fine stranded, class 5
<b>insulation:</b>	special PVC-compound
<b>sheathing material:</b>	polyurethan
<b>colour of outer sheath:</b>	gray RAL 7001
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>oil resistant:</b>	EN 60811-2-1
<b>ozone resistant:</b>	DIN EN 60811-2-1(A)
<b>maximum temperature at conductor:</b>	70 °C
<b>max. operating temperature, fixed:</b>	-40 - +80 °C
<b>temperature, moved/during installation:</b>	-5 - +80 °C
<b>bending radius, fixed installation:</b>	4 x DA
<b>nominal voltage U<sub>0</sub>:</b>	300 V
<b>nominal voltage U:</b>	500 V
<b>core identification:</b>	gn-ye + numbers

**Application:** In dry and wet environment as well as in free air for medium mechanical stress. For connection of electrical tools with improved oil- and abrasion resistance.



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.

Table: Technical characteristics FACAB 100 P

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]	F <sub>ZV</sub> [N]
032790	FACAB 100 P 2X0,5 GR	4,8	38	10	
032791	FACAB 100 P 3G0,5 GR	5,1	47	15	
032792	FACAB 100 P 4G0,5 GR	5,7	58	19,2	
032052	FACAB 100 P 5G0,5 GR	6,2	59	24	
032793	FACAB 100 P 7G0,5 GR	7,2	86	34	
034349	FACAB 100 P 8G0,5 GR	8,1	105	38,4	
032794	FACAB 100 P 10G0,5 GR	8,8	115	48	
032795	FACAB 100 P 12G0,5 GR	9,1	137	58	
034350	FACAB 100 P 14G0,5 GR	9,5	170	67,2	
032796	FACAB 100 P 18G0,5 GR	10,7	200	87	
034351	FACAB 100 P 21G0,5 GR	12,1	225	101	
032797	FACAB 100 P 25G0,5 GR	13,2	259	120	
034352	FACAB 100 P 30G0,5 GR	13,5	315	144	
p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]	F <sub>ZV</sub> [N]
032798	FACAB 100 P 34G0,5 GR	14,7	370	164	
032799	FACAB 100 P 41G0,5 GR	15,7	400	197	
034353	FACAB 100 P 42G0,5 GR	15,8	415	202	
034354	FACAB 100 P 50G0,5 GR	17,5	550	240	
032800	FACAB 100 P 2X0,75 GR	5,4	43	14,4	
032801	FACAB 100 P 3G0,75 GR	5,7	55	22	
032802	FACAB 100 P 4G0,75 GR	6,2	67	29	
032803	FACAB 100 P 5G0,75 GR	6,8	83	36	
032804	FACAB 100 P 7G0,75 GR	7,5	106	50	
034355	FACAB 100 P 8G0,75 GR	8,7	111	58	
032805	FACAB 100 P 10G0,75 GR	9,6	151	72	
032806	FACAB 100 P 12G0,75 GR	9,9	181	86,4	
034356	FACAB 100 P 14G0,75 GR	10,4	202	101	

p/n	part name	D <sub>A</sub> [mm][kg/km]	G [kg/km]	Cu [kg/km]	F <sub>ZV</sub> [N]
032807	FACAB 100 P 18G0,75 GR	11,9	255	130	
034357	FACAB 100 P 21G0,75 GR	13,3	269	151,2	
032808	FACAB 100 P 25G0,75 GR	14,5	325	180	
034358	FACAB 100 P 30G0,75 GR	15,1	400	216	
032810	FACAB 100 P 41G0,75 GR	17,4	529	295,2	
032811	FACAB 100 P 2X1 GR	5,7	53	19,2	
032812	FACAB 100 P 4G1 GR	6,6	85	38,4	
031717	FACAB 100 P 3G1 GR	6	61	29	14400
034897	FACAB 100 P 5G1 GR	7,1	89	48	
032813	FACAB 100 P 7G1 GR	8,1	126	67	
034361	FACAB 100 P 8G1 GR	9,4	131	77	
032814	FACAB 100 P 10G1 GR	10,2	186	96	
032815	FACAB 100 P 12G1 GR	10,7	219	115,2	
034362	FACAB 100 P 14G1 GR	11,5	230	134,4	
032816	FACAB 100 P 18G1 GR	12,9	309	173	
034363	FACAB 100 P 21G1 GR	14,1	306	196	
032817	FACAB 100 P 25G1 GR	14,9	414	240	
034364	FACAB 100 P 32G1 GR	16,7	620	308	
032818	FACAB 100 P 34G1 GR	17,4	592	326,4	
032819	FACAB 100 P 41G1 GR	18,8	638	397	
034740	FACAB 100 P 42G1 GR	18,8	730	403,2	
034366	FACAB 100 P 50G1 GR	20,9	890	480	
032820	FACAB 100 P 2X1,5 GR	6,2	77	29	
032821	FACAB 100 P 3G1,5 GR	6,6	92	43,2	
032822	FACAB 100 P 4G1,5 GR	7,2	110	58	
032823	FACAB 100 P 5G1,5 GR	8	132	72	
032010	FACAB 100 P 7G1,5 GR	9,2	159	101	
034367	FACAB 100 P 8G1,5 GR	10,5	199	115,2	
034368	FACAB 100 P 10G1,5 GR	11,4	245	144	
032824	FACAB 100 P 12G1,5 GR	12	290	173	
034369	FACAB 100 P 14G1,5 GR	12,5	347	202	
032825	FACAB 100 P 18G1,5 GR	14,1	422	260	
034370	FACAB 100 P 21G1,5 GR	14,1	534	302,4	
032826	FACAB 100 P 25G1,5 GR	16,8	594	360	
034371	FACAB 100 P 30G1,5 GR	18,1	800	432	
032827	FACAB 100 P 34G1,5 GR	19,5	799	490	

p/n	part name	D <sub>A</sub> [mm][kg/km]	G [kg/km]	Cu [kg/km]	F <sub>ZV</sub> [N]
032828	FACAB 100 P 41G1,5 GR	21,3	867	590,4	
034372	FACAB 100 P 42G1,5 GR	21,1	1100	605	
034373	FACAB 100 P 50G1,5 GR	25,4	1250	720	
034374	FACAB 100 P 2X2,5 GR	7,8	110	48	
032829	FACAB 100 P 3G2,5 GR	8,3	149	72	
034962	FACAB 100 P 3G2,5 GE	10,8	186	72	
032830	FACAB 100 P 4G2,5 GR	9,2	175	96	
032831	FACAB 100 P 5G2,5 GR	10,1	204	120	
032832	FACAB 100 P 7G2,5 GR	11,2	280	168	
032833	FACAB 100 P 12G2,5 GR	15,3	489	288	
034375	FACAB 100 P 18G2,5 GR	18,2	740	432	
034376	FACAB 100 P 25G2,5 GR	22,3	1095	600	
034377	FACAB 100 P 2X4 GR	9,6	147	77	
034378	FACAB 100 P 3G4 GR	10,4	228	115,2	
032834	FACAB 100 P 4G4 GR	11,4	266	154	
032835	FACAB 100 P 5G4 GR	12,7	315	192	
032836	FACAB 100 P 7G4 GR	14	435	269	
034379	FACAB 100 P 3G6 GR	12,1	362	173	
032837	FACAB 100 P 4G6 GR	13,4	383	230,4	
032838	FACAB 100 P 5G6 GR	14,9	477	288	
035250	FACAB 100 P 5G6 GE	14,9	477	288	
032839	FACAB 100 P 7G6 GR	16,5	663	403,2	
034380	FACAB 100 P 3G10 GR	15,2	555	288	
032840	FACAB 100 P 4G10 GR	16,9	679	384	
032841	FACAB 100 P 5G10 GR	18,7	840	480	
032842	FACAB 100 P 7G10 GR	20,9	1112	672	
032843	FACAB 100 P 4G16 GR	19,8	1059	614,4	
034382	FACAB 100 P 5G16 GR	22,2	1400	768	
034383	FACAB 100 P 7G16 GR	29,3	1800	1075	
034414	FACAB 100 P 4G25 GR	29,4	1590	960	
034415	FACAB 100 P 4G35 GR	32,8	2200	1344	
034416	FACAB 100 P 4G50 GR	38,9	2400	1920	
034417	FACAB 100 P 4G70 GR	44,7	4400	2688	
034418	FACAB 100 P 4G95 GR	59,6	6000	3648	

DA	outer diameter
G	weight
Cu	copper weight (ger)
Fzv	tensile strength (during installation)