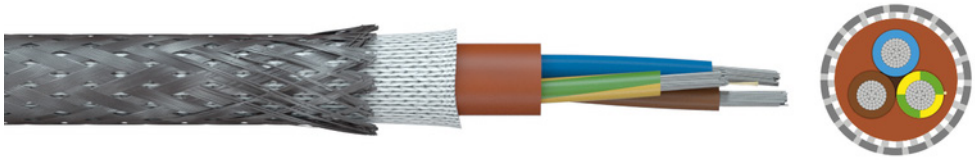
Armoured silicone insulated cable
SiHF/GLS-P



Application: For the connection of electrical appliances at high mechanical stress at increased environmental temperatures, for example in steelworks, but also at low temperatures. Insulation and sheath are resistant to most oils, greases, acids, lyes and oxidants.

Construction and technical data:

Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	silicone rubber
Armour:	round or flat steel wires, galvanized
Sheathing material:	silicone rubber
Covering:	braided glass fibres
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	yes
Radiation resistance:	20 x 10exp6 cJ/kg
Max. temperature at conductor, °C:	180 °C
Permitted outer cable temperature, fixed, °C:	-60 - +180 °C
Bending radius, fixed installation:	10 x Ø
Insulation resistance:	2000 MOhmxkm

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.

SiHF/GLS-P

Nominal voltage Uo: 300 V

Nominal voltage U: 500 V

Maximum operating capacity: 52 nF/km

Test voltage: 2 kV

Core identification: colours acc. to VDE 0293 (HD 308);
more than 5 cores: gn-ye + numbers

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ø [mm]	Cu	G [kg]
032325	02X0.75	26.7	12	7.9	14.4	84
032326	03G0.75	26.7	12	8.3	21.6	95
032327	04G0.75	26.7	12	9.3	29	116
032328	05G0.75	26.7	12	10.1	36	140
032033	07G0.75	26.7	12	10.7	50	177
032329	02X1	20	15	7.9	19.2	91
032330	03G1	20	15	8.9	29	110
031748	04G1	20	15	9.4	38.4	142
032331	05G1	20	15	10.4	48	155
031936	07G1	20	15	11.1	67.2	197.7
032332	02X1.5	13.7	18	9.1	29	119
032333	03G1.5	13.7	18	9.5	43.2	137
032079	04G1.5	13.7	18	10.3	58	170
032334	05G1.5	13.7	18	11.1	72	193
032335	06G1.5	13.7	18	12.1	86.4	227
032292	07G1.5	13.7	18	12.1	101	198
032023	12G1.5	13.7	18	15.5	173	328
032882	16G1.5	13.7	18	17.5	231	392
035712	18G1.5	13.7	18	18.7	259.2	440
032309	24G1.5	13.7	18	21.5	346	600
032336	02X2.5	8.21	26	10.7	48	175
032337	03G2.5	8.21	26	11.2	72	194
031970	04G2.5	8.21	26	12.1	96	278
032338	05G2.5	8.21	26	13.3	120	304
032339	06G2.5	8.21	26	14.3	144	340
032340	07G2.5	8.21	26	14.4	168	368
032341	02X4	5.09	34	12.4	77	236
032342	03G4	5.09	34	13.1	115.2	292
032343	04G4	5.09	34	14.9	154	359
032324	05G4	5.09	34	16.1	192	435
032344	07G4	5.09	34	17.5	269	559
032345	02X6	3.39	44	15.1	115.2	308
032346	03G6	3.39	44	15.9	173	407
032347	04G6	3.39	44	18.1	230.4	508
032348	05G6	3.39	44	19.4	288	615
032921	07G6	3.39	44	20.7	403	768
032349	04G10	1.95	44	22.1	384	925
032350	04G16	1.24	82	26.1	614.4	1235
034669	04G25	0.795	108	30.4	960	1700
038249	04G95	0.21	250	49	3648	5536

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000