

Heat Resistant Silicone Flex



Stranded Hook-up Wires

Uses: Connecting wires in extreme temperature.

Conductor: Tinned Copper Wire

Sheath: Silicone based Insulation.



SILFLEX - SiF				
CODE	Conductor Cross Section (mm ²)	Approx. Outside Dia. in (mm)	Copper Weight (Kg/Km)	Approx. Weight (Kg/Km)
CSSILF16020	0.5	2.1	4.8	8.1
CSSILF24020	0.75	2.4	7.2	11.3
CSSILF32020	1	2.5	9.6	13.7
CSSILF30025	1.5	2.8	14.4	18.8
CSSILF50025	2.5	3.4	24.4	30.2
CSSILF56030	4	4.2	38	47.7
CSSILF84030	6	5.2	58	70.9
CSSILF80040	10	7	96	119.7
CSSILF125040	16	8.4	154	187.4
CSSILF193040	25	10.3	240	289.9
CSSILF273040	35	11.6	336	398.7
CSSILF156102	50	13.9	480	559.3

SILFLEX - SiF/GL				
CODE	Conductor Cross Section (mm ²)	Approx. Outside Dia. in (mm)	Copper Weight (Kg/Km)	Approx. Weight (Kg/Km)
CSSILFG16020	0.5	2.6	4.8	12.6
CSSILFG24020	0.75	2.9	7.2	16.0
CSSILFG32020	1	3.0	9.6	18.4
CSSILFG30025	1.5	3.3	14.4	23.4
CSSILFG50025	2.5	3.9	24.0	35.6
CSSILFG56030	4	4.7	38.0	53.3
CSSILFG84030	6	5.7	58.0	77.3
CSSILFG80040	10	7.5	96.0	129.2
CSSILFG125040	16	8.9	154.0	198.6
CSSILFG193040	25	10.8	240.0	302.5
CSSILFG273040	35	12.1	336.0	413.0
CSSILFG156102	50	14.4	480.0	578.0

Technical Data



Minimum bending

Radius for flexing: 15 x wire diameter



Temperature range: -60°C to + 180°C

Short term: +200°C



Working Voltage: 300/500V



Test Voltage: 2000V



Conductor Stranding: VDE 0295 / IEC 228

**Insulation Resistance: >200GΩ x cm

SILFLEX – SiF/GL = Lacquered glass fibre braid

Heat Resistant Silicone Flex



Stranded Multicore

Conductor: Tinned Copper Wire.

Sheath: Silicone based conductor insulation/ Outer sheath.



SILFLEX - SiHF

CODE	No. of Conductors & Cross Section (mm ²)	O.D. (mm)	Copper Weight (Kg/Km)	Approx. Weight (Kg/Km)	CODE	No. of Conductors & Cross Section (mm ²)	O.D. (mm)	Copper Weight (Kg/Km)	Approx. Weight (Kg/Km)
CSSILF22402	2 x 0.75	6.4	14.4	53.4	CSSILF25603	2 x 4	10.8	76.8	181.4
CSSILF32402	3 x 0.75	6.8	21.6	63.7	CSSILF35603	3 x 4	11.4	115.0	224.0
CSSILF42402	4 x 0.75	7.8	28.8	83.6	CSSILF45603	4 x 4	12.5	154.0	294.8
CSSILF52402	5 x 0.75	8.5	36.0	101.2	CSSILF55603	5 x 4	14.4	192.0	359.4
CSSILF62402	6 x 0.75	9.2	43.2	116.8	CSSILF75603	7 x 4	16.2	269.0	480.0
CSSILF72402	7 x 0.75	9.2	50.0	124.9					
					CSSILF28403	2 x 6	13.0	116.0	274.2
CSSILF23202	2 x 1.0	6.6	19.2	59.9		3 x 6	13.4	173.0	338.4
CSSILF33202	3 x 1.0	7.4	29.0	78.2		4 x 6	14.5	230.0	442.1
CSSILF43202	4 x 1.0	8.0	38.4	94.5		5 x 6	16.3	288.0	535.1
CSSILF53202	5 x 1.0	8.8	48.0	116.0	CSSILF78403	7 x 6	17.5	403.0	685.5
CSSILF63202	6 x 1.0	9.5	58.0	134.6					
CSSILF73202	7 x 1.0	9.5	67.0	144.2	CSSILF48004	4 x 10	20.0	384.0	707.1
					CSSILF58004	5 x 10	22.2	480.0	866.6
CSSILF27050	2 x 1.5	7.6	29.0	81.7					
CSSILF37050	3 x 1.5	8.0	43.0	98.3	CSSILF412504	4 x 16	24.3	614.0	987.5
CSSILF47050	4 x 1.5	8.8	58.0	122.4					
CSSILF57050	5 x 1.5	9.6	72.0	148.0					
CSSILF67050	6 x 1.5	10.4	86.4	173.4					
CSSILF77050	7 x 1.5	10.4	101.0	187.3					
CSSILF12705	12 x 1.5	14.6	173.0	315.0					
CSSILF16705	16 x 1.5	15.5	230.4	446.0					
CSSILF20705	20 x 1.5	18.5	288.0	566.0					
CSSILF24705	24 x 1.5	20.0	345.6	722.0					
CSSILF27067	2 x 2.5	8.8	48.0	135.0					
CSSILF37067	3 x 2.5	9.0	72.0	152.3					
CSSILF47067	4 x 2.5	10.0	96.0	188.7					
CSSILF57067	5 x 2.5	10.8	120.0	229.3					
CSSILF67067	6 x 2.5	13.0	144.0	268.6					
CSSILF77065	7 x 2.5	13.0	168.0	293.4					

Technical Data



Minimum bending
Radius for flexing: 15 x wire diameter



Temperature range: -60°C to +180°C
Short term: +200°C



Working Voltage: 300/500V



Test Voltage: 2000V



Conductor Stranding: VDE 0295 / IEC 228



Core colour code: IEC 304
6 or more cores: Black with white numbers