

HIGH TEMPERATURE

SRGT

Silicone Rubber Glass Braid - FEP Jacket
600 Volts, 200° C, #18 AWG - 500 MCM



DESCRIPTION

Conductor

Stranded tinned, annealed copper per ASTM B33.

Sizes

#18 AWG - 500 MCM.

Insulation

Silicone Rubber. A fiberglass braid jacket is applied over the insulation, then covered with an extruded FEP Teflon® jacket.

APPLICATIONS

Used in environments where wire will come in contact with chemicals, oil, or gas. The wire can be directly immersed in water. It can also maintain circuit integrity in equipment where high temperature and/or hazardous conditions exist requiring flexible, heat resistant conductors at 600 volts.

APPROVALS

UL Style as listed. CSA approved as an appliance wire.

PART NUMBER	AWG	STRANDING	INSULATION THICK.	BRAID THICK.	FEP JKT.	NOMINAL O.D.	AMPS	WEIGHT LBS/K FT	UL STYLE	TEMP RATING
08-0099	18	7/.0152	0.030	.005	.010	0.140	32	18	3568	200°C
08-0101	16	7/.0192	0.030	.005	.010	0.150	35	23	3568	200°C
08-0103	14	7/.0242	0.030	.005	.010	0.165	45	38	3568	200°C
08-0105	12	19/.0179	0.030	.005	.010	0.180	55	52	3568	200°C
08-0107	10	19/.0234	0.045	.005	.010	0.240	75	60	3568	200°C
08-0109	8	54/.0179	0.060	.017	.012	0.325	100	105	3568	200°C
08-0111	6	84/.0179	0.060	.017	.012	0.365	135	145	3568	200°C
08-0113	4	133/.0177	0.060	.017	.012	0.455	180	205	3568	200°C
08-0115	2	133/.0223	0.060	.017	.012	0.525	240	300	3568	200°C
08-0117	1	259/.0177	0.080	.017	.017	0.620	280	390	3568	200°C
08-0119	1/0	259/.0202	0.080	.025	.017	0.680	325	475	3568	200°C
08-0121	2/0	259/.0229	0.080	.025	.017	0.735	370	575	3568	200°C
08-0123	3/0	259/.0255	0.080	.025	.017	0.790	430	700	3568	200°C
08-0125	4/0	259/.0286	0.080	.025	.022	0.865	510	866	3568	200°C
08-0127	250 MCM	427/.0255	0.100	.025	.022	0.950	560	1046	3568	200°C
08-0129	350 MCM	427/.0286	0.100	.025	.022	1.065	700	1400	3568	200°C
08-0131	500 MCM	427/.0342	0.100	.025	.022	1.220	850	1920	3568	200°C

> Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.

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