

## RATINGS / APPROVALS

150°C / 200°C – 1000 Volts - NEMA HP6 SS (Replaces Mil-W 16878/8 and /30)

## CONSTRUCTION

### Conductors

24 AWG – 1 AWG

Stranded tinned copper or silver-plated copper

### Insulating System

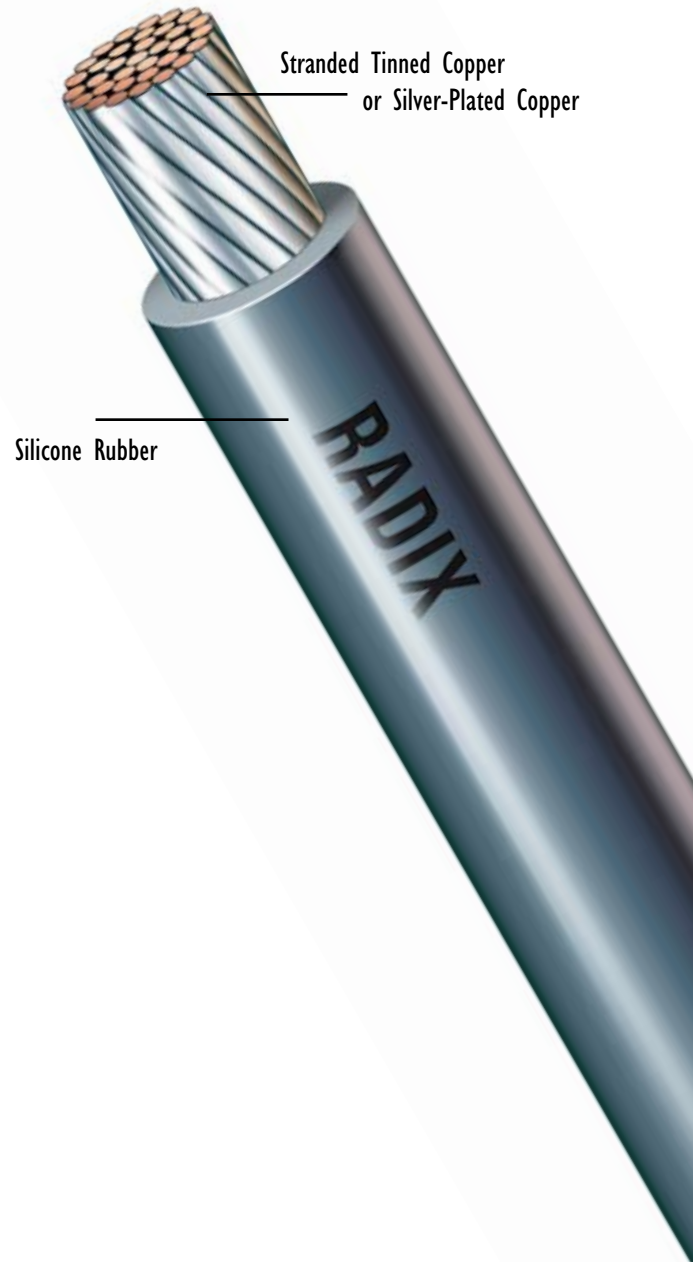
Extruded Silicone Rubber

### Standard Color Coding

Available in Colors or Striped Combinations

## CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -40°C.
- Superior flexibility.



**Radix**<sup>™</sup>

Radix Wire Company

26000 Lakeland Boulevard • Cleveland, OH 44132

Tel: 216 731-9191 • Fax: 216 731-7082

[www.radix-wire.com](http://www.radix-wire.com)

# SPECIFICATIONS

# BRAIDLESS SILICONE 150/200 NEMA HP6 SS

## BRAIDLESS SILICONE 150C/1000V (Replaces MIL-W 16878/30)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
MBA01T259	1	259	0.534	13.56	326.24	485.52	HP-6 SS
MBA02T133	2	133	0.461	11.71	255.27	379.90	HP-6 SS
MBA04T133	4	133	0.394	10.01	170.61	253.91	HP-6 SS
MBA06T133	6	133	0.338	8.59	114.88	170.97	HP-6 SS
MBA08T133	8	133	0.294	7.47	78.72	117.15	HP-6 SS
MBA10T105	10	105	0.204	5.18	44.05	65.56	HP-6 SS
MBA12T065	12	65	0.186	4.72	31.67	47.13	HP-6 SS
MBA14T041	14	41	0.167	4.24	22.55	33.56	HP-6 SS
MBA16T026	16	26	0.120	3.05	12.88	19.17	HP-6 SS
MBA18T016	18	16	0.112	2.84	9.58	14.26	HP-6 SS
MBA20T010	20	10	0.101	2.57	7.05	10.49	HP-6 SS
MBA22T007	22	7	0.092	2.34	5.39	8.02	HP-6 SS
MBA24T007	24	7	0.086	2.18	4.33	6.44	HP-6 SS

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

## BRAIDLESS SILICONE 200C/1000V (Replaces MIL-W 16878/8)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
MBA01G259	1	259	0.534	13.56	342.36	509.51	HP-6 SS
MBA02G133	2	133	0.461	11.71	258.97	385.41	HP-6 SS
MBA04G133	4	133	0.394	10.01	169.21	251.82	HP-6 SS
MBA06G133	6	133	0.338	8.59	114.14	169.87	HP-6 SS
MBA08G133	8	133	0.294	7.47	78.46	116.77	HP-6 SS
MBA10G105	10	105	0.204	5.18	43.78	65.16	HP-6 SS
MBA12G065	12	65	0.186	4.72	31.09	46.27	HP-6 SS
MBA14G041	14	41	0.167	4.24	22.04	32.80	HP-6 SS
MBA16G026	16	26	0.120	3.05	12.46	18.54	HP-6 SS
MBA18G016	18	16	0.112	2.84	9.26	13.78	HP-6 SS
MBA20G010	20	10	0.101	2.57	6.74	10.03	HP-6 SS
MBA22G007	22	7	0.092	2.34	5.62	8.36	HP-6 SS
MBA24G007	24	7	0.086	2.18	4.48	6.67	HP-6 SS

Standard conductor: Silver Plated Copper

Consult factory for alternate conductor and stranding options.

All dimensions listed above are nominal.

Compliance: NEMA HP6

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire Company, Inc. is not responsible for any claim traceable to such error.



**Radix Wire Company**  
**26000 Lakeland Boulevard • Cleveland, OH 44132**  
**Tel: 216 731-9191 • Fax: 216 731-7082**  
**www.radix-wire.com**