

# SYNTHETIC YARN BRAIDED SILICONE HIGH-TEMPERATURE LEAD WIRE

200C/600V

## RATINGS / APPROVALS

200°C - 600 Volts - UL Style 3974 CSA AWM I A/B FT2  
RoHS Compliant

## CONSTRUCTION

### Conductors

8 AWG - 750 MCM  
Stranded tinned copper  
(Other conductor materials available)

### Insulating System

Extruded Silicone Rubber

### Outer Covering

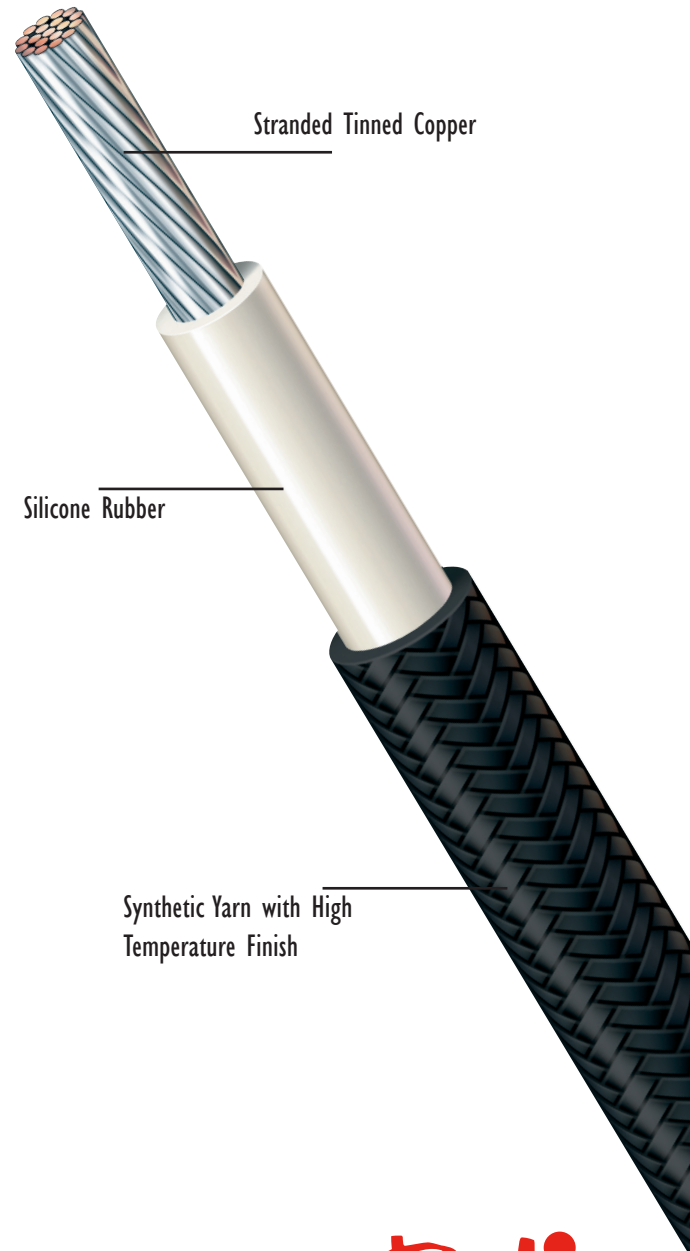
Synthetic Yarn with High Temperature Finish

### Standard Color Coding

Available in Colors

## CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure
- Not suited for immersed applications
- Suitable for applications to -60°C
- Silicone rubber in extreme environments, exceeding 200°C, leaves a non-conductive ash and retains excellent insulation properties.
- Improved abrasion and cut-through resistance
- Cost effective alternative to K-Fiber braided products



**Radix**<sup>™</sup>

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## SPECIFICATIONS

### SYNTHETIC YARN BRAIDED SILICONE 200C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA
IWM08T061	8	61	0.290	7.37	85	127.18	2.32	3974	AWM I A/B FT2
IWM06T084	6	84	0.361	9.17	125	186.15	2.89	3974	AWM I A/B FT2
IWM04T133	4	133	0.395	10.03	168	249.50	3.16	3974	AWM I A/B FT2
IWM02T259	2	259	0.462	11.73	248	369.62	3.70	3974	AWM I A/B FT2
IWM01T259	1	259	0.533	13.54	319	474.15	4.26	3974	AWM I A/B FT2
IWMX1T259	1/0	259	0.588	14.94	401	596.92	4.70	3974	AWM I A/B FT2
IWMX2T259	2/0	259	0.634	16.10	491	730.08	5.07	3974	AWM I A/B FT2
IWMX3T259	3/0	259	0.683	17.35	602	895.80	5.46	3974	AWM I A/B FT2
IWMX4T259	4/0	259	0.743	18.87	742	1104.51	5.94	3974	AWM I A/B FT2
IWM25T427	250 MCM	427	0.834	21.18	948	1410.51	6.67	3974	AWM I A/B FT2
IWM35T427	350 MCM	427	0.944	23.98	1273	1894.82	7.55	3974	AWM I A/B FT2
IWM50T427	500 MCM	427	1.074	27.28	1722	2562.51	8.59	3974	AWM I A/B FT2
IWM75T703	750 MCM	703	1.354	34.39	2721	4049.36	10.83	3974	AWM I A/B FT2

Standard conductor: Tinned Copper

Consult factory for alternative conductor and stranding options.



All dimensions listed above are nominal  
Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670  
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 is not responsible for any claim traceable to such error.

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