

200C/600V

# VW-I SIL-A-BLEND<sup>®</sup> 200

HIGH-TEMPERATURE LEAD WIRE

## RATINGS / APPROVALS

200°C - 600 Volts - UL Style 3512/3604 / CSA AWM I A/B FT2/FT1

UL VW-I Flame Rated

RoHS compliant

## CONSTRUCTION

### Conductors

22 AWG - 8 AWG

Stranded tinned copper or nickel-plated copper  
(Other conductor materials available)

### Insulating System

Composite Extruded Silicone Rubber with intermediate fiberglass reinforcement

Separator tape between conductor and silicone on select sizes  
(Not shown in illustration)

### Standard Color Coding

Available in All Colors

## CHARACTERISTICS

- Outperforms Braided Silicone products
  - Eliminates braid fraying, flowering, and shrink back
  - Virtually eliminates skin irritation
  - Reduces airborne fiberglass contaminants traditionally found in high volume processing
  - Superior flexibility
  - Color stable at elevated temperatures
  - LSZH - Low smoke, zero halogen
  - Suitable for varnish dip and bake applications
  - Smaller OD
- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C

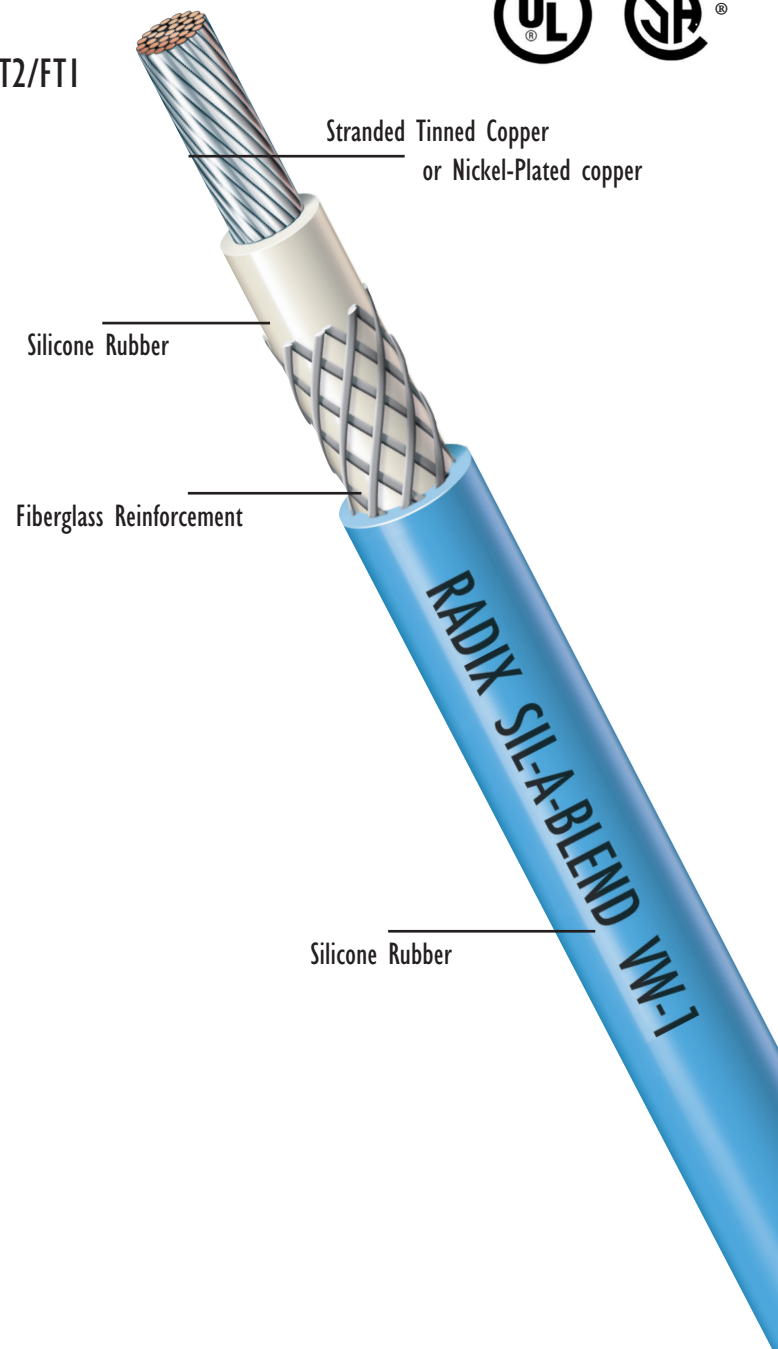
150°C version with flexible stranded conductor is available. (consult factory)

## Recommended replacement for glass braided silicone

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# VW-I SIL-A-BLEND® 200

## HIGH-TEMPERATURE LEAD WIRE

### SPECIFICATIONS

#### VW-1 SIL-A-BLEND 200C/600V

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL	CSA
NVW22P007	200C	600V	22 NPC 2%	7	0.099	2.51	6.53	9.72	0.79	3512/3604	AWM I A/B FT2
NVW20P007	200C	600V	20 NPC 2%	7	0.108	2.74	8.19	12.19	0.86	3512/3604	AWM I A/B FT1
NVW18T007	200C	600V	18	7	0.119	3.02	10.75	16.00	0.95	3512/3604	AWM I A/B FT1
NVW16T007	200C	600V	16	7	0.130	3.30	14.39	21.42	1.04	3512/3604	AWM I A/B FT1
NVW14T007	200C	600V	14	7	0.142	3.61	19.07	28.38	1.14	3512/3604	AWM I A/B FT1
NVW12T019	200C	600V	12	19	0.160	4.06	28.59	42.55	1.28	3512/3604	AWM I A/B FT1
NVW10T019	200C	600V	10	19	0.212	5.38	47.19	70.23	1.70	3512/3604	AWM I A/B FT1
NVW08T061	200C	600V	8	61	0.241	6.12	70.58	105.04	1.93	3512/3604	AWM I A/B FT1

Standard conductor: Tinned Copper or Nickel Plated Copper (2%) as designated  
 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

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