

# SWITCHBOARD WIRE

## TYPE SIS - 600 VOLT, 90°C

### Construction

#### Conductor:

- Stranded tinned copper.

#### Insulation:

- Gray chemically crosslinked polyethylene. Check factory for other colors.

#### Description:

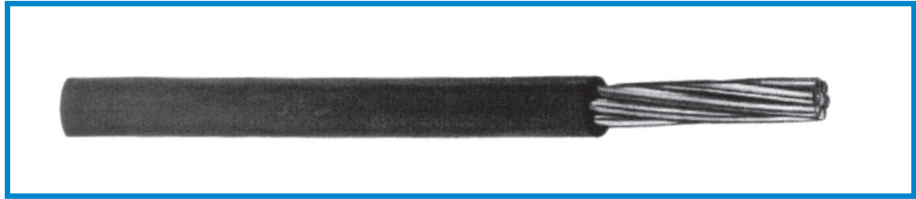
- Stranded tinned copper conductors insulated with a 90°C rated chemically crosslinked polyethylene compound that makes small diameters and light weights possible. In addition, greater tensile strength and resistance to flame, fungus, tears and abrasion are provided. UL Listed. Meets VW-1 flame test and is so printed.

#### Applications:

- Panel boards, switchboards and control apparatus. For use at 600 volts 90°C maximum operation in dry locations in accordance with the National Electrical Code.

#### Rating:

- 600 volts. 90°C continuous operation in air. Amps per NEC Art. 310.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. INSUL. THICKNESS	NOMINAL O.D.	CURRENT	NOMINAL WEIGHT
	AWG/MCM		INCHES	INCHES	AMPS	LBS/MFT
9903	14	7	0.030	0.140	25	19
9905	12	7	0.030	0.170	30	30
9906	10	7	0.030	0.190	40	45
9910	8	7	0.045	0.250	50	70
<b>FLEXIBLE STRANDING</b>						
9915	18*	16	0.030	0.120	21	10
9916	16*	26	0.030	0.130	22	15
9917	14	41	0.030	0.150	25	20
9920	12	65	0.030	0.170	30	32
9921	10	104	0.030	0.200	40	47
9922	8	133	0.045	0.270	50	75
9924	6	133	0.060	0.340	70	125
9926	4	133	0.060	0.400	90	180
9927	2	133	0.060	0.455	110	259

NOTE: VW1 must be specified when ordering if so required. Gray is standard color. Other colors available upon request.

\* Not UL listed.



# BRAIDLESS SILICONE APPARATUS AND MOTOR LEAD WIRE

## 150°C, 600 VOLT, UL RECOGNIZED

### Construction

#### Conductor:

- Soft annealed stranded tinned copper.
- Silicone Insulated, standard colors black or white.
- IEEE 180°C motor lead class H.
- Varnish bake cycle:  
300° F 24 hr.  
325° F 12 hr.  
350° F 4 hr.

#### Application:

- For use in motor leads, appliances, lighting fixtures, high temperature electronic applications.
- Most every high temperature application where flexibility is required.

#### Features:

- Excellent physical and mechanical strength properties.
- Easy and clean stripping.

CUSTOM CATALOG NUMBER	SIZE AWG	NO. OF STRANDS	INSULATION THICKNESS MILS - NOM.	DIAMETER INCHES NOM.	APPROX. NET WT. PER MFT.	UL STYLE NUMBER	CSA TYPE
9870	22	7/30	45	0.122	10	3212	AWM
9871	20	10/30	45	0.132	12	3212	AWM
9872	18	18/30	45	0.144	14	3212	AWM
9873	16	26/30	45	0.159	17	3212	AWM
9874	14	41/30	45	0.173	23	3212	AWM
9875	12	65/30	45	0.180	34	3212	AWM
9876	10	105/30	45	0.204	49	3212	AWM
9877	8	133/29	60	0.288	81	3213	AWM
9878	6	133/27	60	0.332	118	3213	AWM
9879	4	133/25	60	0.388	173	3213	—
9880	2	259/25	60	0.470	256	3213	—
9881	1	259/25	80	0.548	327	3214	—
9882	1/0	259/24	80	0.594	404	3214	—
9883	2/0	259/23	80	0.645	512	3214	—
9884	3/0	259/22	80	0.707	633	3214	—
9885	4/0	259/21	80	0.774	775	3214	—

Data Subject To Change Without Notice.



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