



## CORONA RESISTANT HIGH VOLTAGE WIRE

- High Dielectric Strength
- Flame Retardant
- Radiation Resistant Wire and Cable
- Abrasion Resistant
- Easy to Strip

### 200°C SILICONE HIGH TEMP., HIGH VOLTAGE WIRE

**CONDUCTORS:** All conductors are tinned copper, flexible stranding. Also available on special order with: silver plated copper conductors, nickel plated copper conductors and pure nickel conductors. Pure nickel increases rating to 260°C (500°F). **INSULATION:** High temperature, high voltage silicone rubber for easy stripping. High dielectric strength, flame retardant.

**APPLICATIONS:** Recommended for stoves, heaters, furnaces, dryers, motors, therapeutic devices, signs, lighting fixtures and special electronic devices where high temperatures are incurred. Military applications include use on jet aircraft, atomic submarines and related equipment.

### \* UL STYLE NO. 3239 SILICONE RUBBER INSULATION 150°C, 10 KVDC THROUGH 40 KVDC

Note: All cables can be quoted with solid conductors or with extra flexible (rope lay) stranding in bare copper or tinned copper upon request.

## KYNAR INSULATED HOOKUP WIRE FOR WIRE WRAP APPLICATIONS



Especially suited for computer, business machine usage and other areas where space is limited. (For automatic point to point application.)

**SPECIFICATIONS:** The conductor is OFHC (Oxygen Free High Conductivity) Annealed Copper, Silver Plated.

The insulation is Kynar\*, a Vinylidene Fluoride Plastic with unique characteristics.

Larger putups on the same reel can be supplied from Factory stock and additional colors are available from Factory on special order.

\* Pennwalt Chemicals Corp. Trademark

### KYNAR CHARACTERISTICS

- Mechanically Tough
- Flame Retardant, Self Extinguishing
- Excellent Resistance to Ultraviolet Light and Weathering
- Operating Temperature Up to 125°C Continuous, Assigned UL Rating 105°C
- Exposure to 300 Million Roentgens Does Not Change Insulation Characteristics
- Vivid Colors for Easy Identification

**KYNAR HOOK - UP WIRE**

DEARBORN NO.	AWG SIZE	INSUL. THICK.	NOM. O.D.	UL STYLE	STOCK COLORS AVAILABLE
773001	30(1)	.005	.0195	1422	0, 1, 2, 3, 4, 5, 6, 8, 9
772801	28(1)	.0035	.020	1423	0, 1, 2, 5, 6, 9
772601	26(1)	.005	.027	1422	2, 4, 5, 6, 8, 9
772401	24(1)	.010	.042	1327	2, 4, 5, 6, 9

ALL SUPPLIED ON SPECIALLY DESIGNED LARGE HUB REELS, 1000 FT. MINIMUM  
 CODE COLORING: 0—Black • 1—Brown • 2—Red • 3—Orange • 4—Yellow  
 5—Green • 6—Blue • 7—Violet • 8—Gray • 9—White

### HIGH TEMP., HIGH VOLTAGE SILICONE WIRE

DEARBORN PART NO.	AWG SIZE	STRANDING	WALL THICK.	NOM. O.D.	D.C. VOLTAGE	UL TYPE
392240	22	7/30TC	.040	.111	10KV	*3239
392245	22	7/30TC	.045	.121	15KV	*3239
392250	22	7/30TC	.050	.131	20KV	*3239
392262	22	7/30TC	.062	.181	30KV	*3239
392275	22	7/30TC	.075	.181	30KV	*3239
392297	22	7/30TC	.097	.225	40KV	*3239
392040	20	10/30TC	.040	.118	10KV	*3239
392045	20	10/30TC	.045	.128	15KV	*3239
392050	20	10/30TC	.050	.138	20KV	*3239
392062	20	10/30TC	.062	.162	25KV	*3239
392075	20	10/30TC	.075	.188	30KV	*3239
392097	20	10/30TC	.097	.232	40KV	*3239
391845	18	16/30TC	.045	.140	15KV	*3239
391862	18	16/30TC	.062	.174	25KV	*3239
391897	18	16/30TC	.097	.244	40KV	*3239
391645	16	26/30TC	.045	.152	15KV	*3239
391662	16	26/30TC	.062	.186	25KV	*3239
391697	16	26/30TC	.097	.256	40KV	*3239
391445	14	41/30TC	.045	.170	15KV	*3239
391462	14	41/30TC	.062	.204	25KV	*3239
391497	14	41/30TC	.097	.274	40KV	*3239
391245	12	65/30TC	.045	.186	15KV	*3239
391297	12	65/30TC	.097	.290	40KV	*3239
391045	10	105/30TC	.045	.220	15KV	*3239
391097	10	105/30TC	.097	.324	40KV	*3239
390845	8	133/29TC	.045	.256	15KV	none
390897	8	133/29TC	.097	.360	40KV	none
390645	6	133/27TC	.045	.300	15KV	none
390662	6	133/27TC	.062	.335	25KV	none
390462	4	133/25	.062	.381	25KV	none
390262	2	259/26	.062	.449	25KV	none

COLORS: Natural. Consult factory for availability of other colors.  
 PUT UP: 100 FT., 1000 FT. AND BULK

## TYPE TGS-250°C.-600 VOLT HIGH TEMPERATURE WIRE-U.L.

### CONSTRUCTION

Nickel conductor, stranded or solid, Teflon tape wrap, Silicone impregnated glass braid. Natural color only.

600 Volt maximum operating potential, when supplied with the nickel conductor as shown; the maximum operating temperature is 250°C. Especially recommended for use in the wiring of ovens and other high temperature appliances.

**TYPE TGS — 250 C — 600 VOLT**

DEARBORN NO.	SIZE AND STRANDING	TAPE THICK.	BRAID THICK.	NOM. O.D.	STANDARD PUT UP (FT.)
911801	18(1)	.018	.005	.086	500 & 1000
911816	18(16)	.018	.005	.094	500 & 1000
911601	16(1)	.018	.005	.097	500 & 1000
911626	16(26)	.018	.005	.104	500 & 1000
911401	14(1)	.021	.005	.116	500 & 1000
911441	14(41)	.021	.005	.127	500 & 1000
911201	12(1)	.021	.005	.133	500 & 1000
911265	12(65)	.021	.005	.147	500 & 1000
911001	10(1)	.021	.0075	.159	500 & 1000
911000	10(105)	.021	.0075	.177	500 & 1000
910801	8(1)	.021	.0075	.185	500 & 1000
910800	8(133)	.021	.0075	.215	500 & 1000