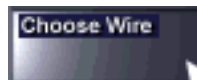


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Hookup Wire

Braided Stranded Copper Wire

Multiconductor

Tubing

Coaxial Cable

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Braidless Silicone Rubber

TUFLEX™ HIGH-VOLTAGE SILICONE WIRE

Standard

Putups:

- 100 ft.
- 500 ft.
- 1,000 ft.
- bulk.

Consult factory
for availability
of other colors.

DESCRIPTION

- Conductors: Silver plated copper.
- Insulation: A specially formulated silicone based material.

CHARACTERISTICS

- Temperature Range: 200C Max.
- Voltage Rating: See chart below.

FEATURES & APPLICATIONS

- Superior flexibility. *Excellent dielectric strength. *Excellent abrasion resistance. *Excellent resistance to radiation, corona, and ozone.

APPROVALS

- Meets UL VW-1 requirements. Meets or exceeds MIL-W-16878 requirements for abrasion, chemical, corona, flame, fungus, moisture and ozone.

| Part Number | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. O.D. in. mm | DC Voltage |
|-------------|-----|-----------|-------------------------------------|---------------------|------------|
| 39X2205 | 22 | 7/30 | .030 0.76 | .070 1.78 | 5KV |
| 39X2215 | 22 | 7/30 | .030 0.76 | .110 2.79 | 15KV |
| 39X2220 | 22 | 7/30 | .030 0.76 | .130 3.30 | 20KV |
| 39X2015 | 20 | 19/32 | .037 0.94 | .120 3.05 | 15KV |
| 39X2020 | 20 | 19/32 | .037 0.94 | .150 3.81 | 20KV |
| Part Number | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. O.D. in. mm | DC Voltage |
| 39X2025 | 20 | 19/32 | .037 0.94 | .166 4.22 | 25KV |
| 39X1825 | 18 | 19/30 | .047 1.19 | .160 4.06 | 25KV |

| | | | | | | | | |
|--|--------------------|------------|------------------|---|------|----------------------------|-------|-------------------|
| | 39X1620 | 16 | 19/29 | .058 | 1.47 | .161 | 4.09 | 20KV |
| | 39X1635 | 16 | 19/29 | .058 | 1.47 | .265 | 6.73 | 35KV |
| | 39X1645 | 16 | 19/29 | .058 | 1.47 | .300 | 7.62 | 45KV |
| | Part Number | AWG | Stranding | Nom. Dia. of Conductor in. mm | | Nom. O.D. in. mm | | DC Voltage |
| | 39X1660 | 16 | 19/29 | .058 | 1.47 | .380 | 9.65 | 60KV |
| | 39X1460 | 14 | 19/27 | .073 | 1.85 | .385 | 9.78 | 60KV |
| | 39X1260 | 12 | 19/25 | .093 | 2.36 | .445 | 11.30 | 60KV |

Standard color: White. TuFlex(TM) is a trademark of Dearborn/CDT.

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