

Stranded Tinned Copper Wire – with High Temperature High Flexibility Silicone Rubber Extruded Jacket

Tuff-Flex™ for Extreme Flexibility for Confined Area and Motion Applications

-65°C to 260°C



- For applications up to 42,000 Volts DC. Submersible.
- Excellent alternative to PVC & PTFE jacketed wire.
- Available from 4 to 30 AWG.
- UL 94-V0/CSA and FAA Flame Tested. Excellent for long term UV exposure.
- Used in Aerospace, Solar Panel, Robotic, Medical, Oil & Gas Exploration, Wind Turbine and Welding Applications.

- Used by NASA's JPL for MSL Robot Arm (Mars Rover).
- Class 1 clean room rated (zero particulates). Meets ASTM E-595 for low out-gassing.
- Halogen free.
- Multi-conductor and Flat Cable versions.
- Jacket is 65 (Shore A) durometer.

Stranded Tinned Copper Wire with High Temperature & High Flexibility Silicone Rubber Extruded Jacket				
Single Conductor				
Part Number	AWG	Volts DC	Amp rating (at 70°F)	OD inch
W-SR-1C-30AWG-10KV-3A-21	30	10K	3	.21"
W-SR-1C-28AWG-12KV-5A-21	28	12K	5	.21"
W-SR-1C-26AWG-12KV-6A-22	26	12K	6	.22"
W-SR-1C-24AWG-12KV-7A-22	24	12K	7	.22"
W-SR-1C-22AWG-31KV-8A-23	22	31K	8	.23"
W-SR-1C-20AWG-31KV-10A-24	20	31K	10	.24"
W-SR-1C-18AWG-42KV-15A-25	18	42K	15	.25"
W-SR-1C-16AWG-42KV-19A-26	16	42K	19	.26"
W-SR-1C-14AWG-42KV-27A-28	14	42K	27	.28"
W-SR-1C-12AWG-42KV-36A-30	12	42K	36	.30"
W-SR-1C-10AWG-42KV-47A-33	10	42K	47	.33"
W-SR-1C-8AWG-42KV-65A-39	8	42K	65	.39"
W-SR-1C-6AWG-42KV-95A-44	6	42K	95	.44"
W-SR-1C-4AWG-42KV-125A-50	4	42K	125	.50"

- High Tensile, Bare Copper and Silver Plated conductors available.
- Available as bulk wire or assembled with connectors.
- Multi-Conductor Flat Cable version available.