

Sub-Miniature PTFE Hook-up Wire

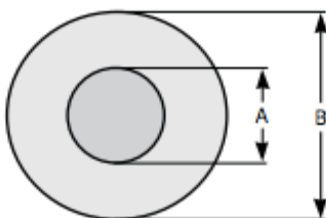
Micro-Tek offers a range of fine gauge, thin wall hook-up wire products. These are offered with **extruded** PTFE to provide a consistent and smooth outside diameter with no seams or surface imperfections that can occur in tape wrapped constructions. All products are currently offered in solid colors. These constructions are an extension of the MIL-W-16878 classification.

Silver plated copper constructions are rated to 200° C max continuous service temperature. Conductors such as nickel plated copper, stainless steel (304/316L), high strength copper alloys, silver plated copper clad steel and thermocouple wire are available as well. Customer supplied material can be insulated per individual specifications.

PTFE has a V0 flammability rating (UL 94) and is listed as low-outgassing.

Voltage ratings for standard constructions are listed in the table below. Custom, thinner wall constructions are available with reduced voltage rating or for mechanical purposes only. Wire can be treated with etch for bondability in house.

AWG Stranding	Conductor Diameter "A"	Outside Diameter "B" Maximum	Nominal Weight Pounds/ 1000 ft	Voltage Rating (Volts)	Compare to
28 (1)	0.0126"	0.019"	0.62	150	H01A007
30 (1)	0.0100"	0.016"	0.42	150	H01A010
30 (7/38)	0.0120"	0.018"	0.47	150	H01A015
32 (1)	0.0080"	0.014"	0.29	150	H01A020
32 (7/40)	0.0093"	0.016"	0.32	150	H01A030
34 (1)	0.0063"	0.012"	0.21	150	H01A040
34 (7/42)	0.0075"	0.014"	0.23	150	H01A050
36 (1)	0.0050"	0.011"	0.156	150	H01A060
36 (7/44)	0.0060"	0.012"	0.17	150	H01A070
38 (1)	0.0040"	0.010"	0.096	100	H01A080
38 (7/46)	0.0050"	0.011"	0.099	100	H01A085
40 (1)	0.0031"	0.009"	0.071	100	H01A090
40 (3/44)	0.0043"	0.010"	0.087	100	H01A095
42 (1)	0.0026"	0.009"	0.056	100	H01A100
42 (3/46)	0.0034"	0.009"	0.068	100	H01A105



Compare to GORE™ H01AXXX product lines.