



Ultra-Flexible Microminiature PTFE Hook-Up Wire

Daburn's Ultra Flexible Microminiature PTFE hook-up wire is similar to our Daburn #2451 series but uses higher stranding in the conductors for ultra flexibility. It is also chemically inert, weather resistant and non-flammable. It resists soldering irons and moisture and maintains the benefits of PTFE wire, while in a tiny package. The Ultra-Flexible Microminiature series of ultra thin walled PTFE insulation offers savings of space and weight for applications ranging from medical, aircraft, missile, space and compact electronic components.

Description: Single conductor stranded silver plated copper or bare copper (50 AWG strand constructions) covered with multiple layers of PTFE insulation. This construction allows for a uniform, flexible, concentric, quality construction.

Operating Temperature: -90°C to +250°C (200°C for bare copper 50 AWG strand constructions)

Voltage Rating: 300V.

This series is RoHS compliant.

Catalog Number	AWG	Strand	Nom. Wall		Nom. O.D.	
			Inches	mm	Inches	mm
2452/30	30	40/46	.0025	0.063	.0167	0.424
2452/32	32	25/46	.0025	0.063	.0143	0.363
2452/34	34	19/46	.0025	0.063	.0130	0.330
2452/36	36	10/46	.0017	0.043	.0093	0.236
2453/32*	32	64/50*	.0025	0.063	.0143	0.363
2453/34*	34	40/50*	.0022	0.056	.0117	0.297
2453/36*	36	25/50*	.0016	0.041	.0090	0.229
2453/38*	38	16/50*	.0016	0.041	.0079	0.201
2453/40*	40	10/50*	.0013	0.033	.0063	0.160
2453/42*	42	7/50*	.0012	0.030	.0056	0.142

* Bare copper conductor, 200°C

Standard Put-Ups: 1,000 FT, 500 FT, 100 FT.

Standard Colors: Black, Red, Green, White.

Additional colors are available to order.

Additional Stranding (including solid conductors) are available.

Note: Above items can be laminated into a flat ribbon cable and twisted into multi-conductor cables.