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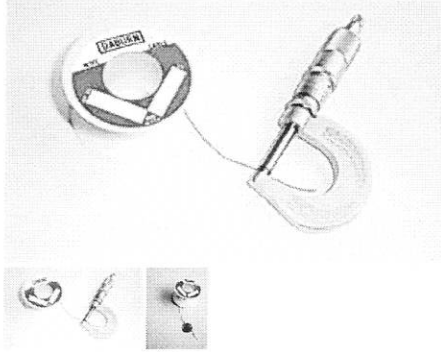
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#2452 - #2453 DAFLON Ultra-Flexible Microminiature PTFE Hook-Up Wire (250°C, 300V)



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Ultra-Flexible Microminiature PTFE Hook-Up Wire

[#2452-#2453 Specification Sheet PDF](#)

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 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	17/50*	.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.




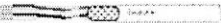

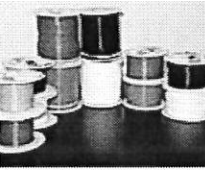






Additional colors are available to order.

Additional Stranding (including solid conductors) are available.

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

See our other microminiature PTFE wire/cable here ==> [#2451](#), [#2471](#)

Related Products

 <p>#2401 PTFE Coated Wire MIL-W-16878/4 Type E - 600V</p> <p>More Info</p> <p>MIL-W-16878/4 (-90°C to +200°C, VW-1). Single conductor, silver plated copper, .010" Extruded PTFE fluoropolymer resin insulation. Acid, alkalis, oil, flame, moisture, fungus, solvent resistant.</p>	 <p>#2427 Subminiature PTFE Coated Hook-Up Wire (Per MIL-W-16878-Type ET)</p> <p>More Info</p> <p>This miniature hook-up wire is suitable in miniature slip ring assemblies, as interconnecting wire between wafers in microminiature electronic circuitry, instrument wire, medical wire, subminiature thermo-couple lead wire, strain gauge wire, etc.</p>	 <p>#2428 PTFE Coated Wire (MIL-W-16878 Type-EE, MIL-W-16878/5)</p> <p>More Info</p> <p>Single conductor silver plated copper wire concentrically stranded and insulated with .016" extruded PTFE insulation. Temperature Rating: -90°C to +200°C. Order nickel plated strand for 250°C. Voltage Rating: 1000V. This series is RoHS compliant</p>
 <p>#2454 - #2459 PTFE Tape Wrap Jacket Over Shield</p> <p>More Info</p> <p>One or more conductors, each conductor is silver plated concentrically stranded copper wire. Type E, MIL-W-16878E/4 with .010" of extruded PTFE insulation. Conductors are twisted and shielded with a 90% braid.</p>	 <p>#2480 FEP Cable - FEP Extruded Jacket, Type E Conductors</p> <p>More Info</p> <p>Each conductor silver plated stranded copper wire, Type E extruded PTFE .010" insulation. Color coded, cabled, braided silver plated copper shield-90% coverage, white FEP jacket overall. Temperature Rating: -65°C to +200°C.</p>	 <p>#2671 Ultra Flexible Sub-Miniature & Microminiature Wire - U/L Style 1568, 1692</p> <p>More Info</p> <p>Daflex ultra flexible sub-miniature wire series using fine, soft bare stranding and thin PVC walls, is designed for continuous flexing applications such as data processing, mercury thermostats, magnetic memory drums, rotation servo platforms and robotics.</p>
 <p>#2411 UL PTFE Coated Wire - Style 1180 · 300V · 200°C</p> <p>More Info</p> <p>Silver plated stranded conductors, extruded PTFE. Nom wall 1/64". UL rated for 200°C. Nickel plated conductors available to order. This series is RoHS compliant.</p>	 <p>#2415 Tape Wrapped PTFE Wire, Type E-600 Volts · MIL-W-16878/21</p> <p>More Info</p> <p>Single conductor, silver plated copper, .010" double reverse TAPE WRAPPED PTFE insulation. Acid, alkalis, oil, flame, moisture, fungus, solvent resistant. Temperature Rating: -90°C to +200°C. Voltage Rating: 600V.</p>	 <p>#2434 - #2439 PTFE Coated Cable - Shielded Braid Overall</p> <p>More Info</p> <p>One or more conductors, each conductor silver plated concentrically stranded copper wire. Type E, MIL-W-16878E/4 with .010" of extruded PTFE insulation. Conductors are twisted and shielded with a 90% braided, silver plated copper shield coverage overall.</p>
 <p>#2444 - #2449 PTFE Impregnated Braid Over Shield</p> <p>More Info</p>	 <p>#2464 - #2469 No Shield PTFE Impregnated Fiberglass Braid Overall</p>	 <p>#2488 FEP High Temperature Flat</p>

One or more conductors, each conductor is silver plated, concentrically stranded copper wire. Type E, MIL-W-16878E/4 extruded PTFE .010" insulation on conductors, which are covered with silver plated braided copper shield providing a 90% shield coverage.

[More Info](#)

One or more conductors, each conductor silver plated, concentrically stranded copper wire. Conductors are insulated with type E per MIL-W-16878E/4 with .010" of extruded PTFE insulation and twisted. Covered with PTFE impregnated fiberglass braid jacket

Ribbon Cable - 28 AWG

[More Info](#)

UL Style 20424 - 300 Volts - VV-1 - Daburn FEP ribbon cable reduces crosstalk, compared to PVC constructions. It provides high fidelity and dense signal transmission with low dielectric constant. It has a low coefficient of friction.



#2490 Dalite™ H Film Kapton® Wire (600V)

[More Info](#)

High Temperature Hook-Up Wire with 200°C Continuous Temperature Rating (A). Single conductor, silver plated annealed copper conductors, tape wrapped Type H® Polyimide film with an FEP coating overall to seal the tape wrap.

Product Reviews

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