



Daburn Electronics & Cable  
44 Richboynton Road  
Dover, NJ 07801

## Ultra-Flexible Microminiature FEP 150V Lead Wire

Ultra flexible high strand count bare copper conductor insulated with a 3.5 mil wall of non-hygroscopic fluoropolymer (FEP). Silver-plated copper can be substituted for a 200°C rating. Used for critical physiological and medical applications where small diameters, long flex-life and non-toxic insulations are of primary consideration. It's designed for long usage in flow probes and pressure measuring instruments. It also withstands severe, repeated flexing in very high and low temperatures.

**Description:** Single conductor stranded bare copper insulated with non-hygroscopic fluoropolymer (FEP) insulation. This construction allows for a uniform, flexible, concentric, quality construction.

**Operating Temperature:** -150°C to +150°C (specify silver plated copper for 200°C)

**Voltage Rating:** 150V.

This series is RoHS compliant.

Catalog Number	AWG	Strand	Nom. Wall		Nom. O.D.	
			Inches	mm	Inches	mm
2420/24	24	105/44	.0035	0.089	0.032	0.813
2420/26	26	105/46	.0035	0.089	0.027	0.686
2420/28	28	65/46	.0035	0.089	0.022	0.559
2420/29	29	52/46	.0035	0.089	0.020	0.508
2420/30	30	41/46	.0035	0.089	0.019	0.483
2420/31	31	75/50	.0035	0.089	0.017	0.432
2420/32	32	65/50	.0035	0.089	0.016	0.406
2420/33	33	52/50	.0035	0.089	0.015	0.381
2420/34	34	41/50	.0035	0.089	0.014	0.356
2420/36	36	26/50	.0035	0.089	0.013	0.330
2420/38	38	17/50	.0035	0.089	0.012	0.305
2420/40	40	10/50	.0035	0.089	0.011	0.279
2420/42	42	7/50	.0035	0.089	0.010	0.254

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

Available in 10 standard colors.

Additional strand constructions are available. 50 AWG strands are made with very fine strands of hard copper. 46 AWG or 48 AWG strand constructions of very fine soft copper are also available for all sizes.