

## FEP INSULATED WIRE

**KEY FEATURES:** Operating temperature range  $-65^{\circ}\text{C}$  to  $200^{\circ}\text{C}$ . Excellent chemical resistance to oils, ozone, alkalis, acids, solvents,) insulated wire remains flexible at low temperatures. Full range of colors gasoline, aromatic hydrocarbons and alcohol. FEP (fluorinated ethylene propylene available.

**APPLICATIONS:** Markel FEP insulated wire is ideal for medical and scientific instruments, computers, motors, trans-formers, aircraft, process instrumentation and marine systems subjected to harsh operating conditions.

**MATERIAL SPECIFICATIONS:** insulation material specifications are listed in a document in the resources file. Conductors are tin, silver or nickel plated copper.

**MILITARY SPECIFICATIONS:** Markel FEP wire meets or exceeds the requirements of MIL-W-16878/11, 12 & 13.

**COMMERCIAL SPECIFICATIONS:** Popular UL and CSA styles are listed. A complete listing is included in the resources file.



UL STYLE No.	WIRE SIZE RANGE	WALL THICKNESS	TEMP./VOLTAGE RATING
1371	26 -20 19 -16	.0055 .008	$105^{\circ}\text{C}$
1330	26 -10 8 -2 1 -3/0	.020 .030 .045	$200^{\circ}\text{C}$ / 600 VDC
1332	26 -10	.013	$200^{\circ}\text{C}$ / 300 VDC
1577	26-16	.012	$200^{\circ}\text{C}$
1901	26 -16 8 -2 1 -3/0	.014 .020 .030	$200^{\circ}\text{C}$ / 600 VDC
CSA	26 -16	.010	$150^{\circ}\text{C}$ / 150 VDC
CSA	26 -10	.015	$180^{\circ}\text{C}$ / 300 VDC
CSA	26 -10	.030	$180^{\circ}\text{C}$ / 600 VDC
CSA	26 -10	.015	$150^{\circ}\text{C}$ / $200^{\circ}\text{C}$ / 300 VDC
CSA	26 -10 8 -2	.030 .045	$150^{\circ}\text{C}$ / $200^{\circ}\text{C}$ / 600 VDC

All materials of construction are warranted to meet specification and certified to be made from top quality resins without PFOA surfactant.