

MIL-W-16878 and NEMA HP 4

FEP Insulated Wire

Insulation: Extruded Fluorinated Ethylene Propylene

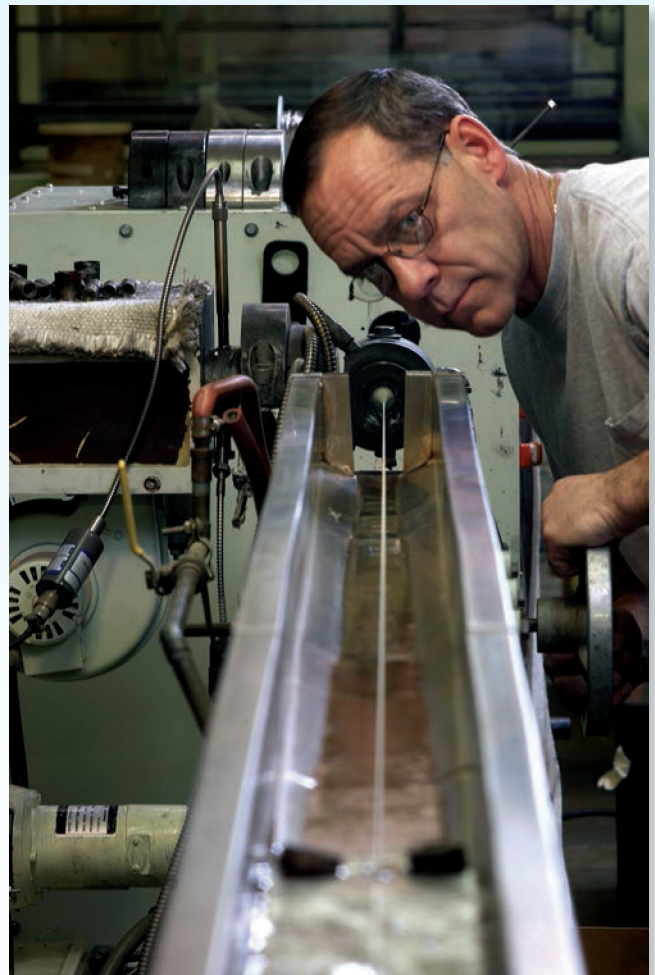
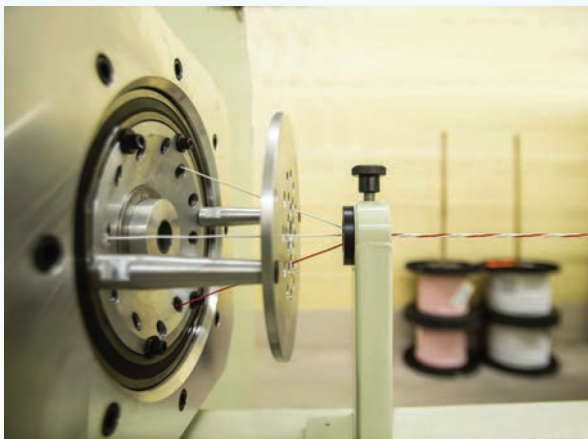
200°C Silver Plated Conductors

TEFZEL* (ETFE) 150°C/200°C and
PERFLUOROALKOXY (PFA) 260°C
are also in our product line for
commercial use.

FEP using tin plated conductors is available
for commercial use.

For additional strandings and conductors
please consult factory.

*DuPont Registered Trademark



MELT EXTRUSION FOR INSULATING WITH FEP, PFA, AND ETFE

CONDUCTOR						MIL-W-16878/11 TYPE K 600V (RMS)			MIL-W-16878/12 TYPE KK 1000V (RMS)			MIL-W-16878/13 TYPE KT 250V (RMS)		
AWG.	NUMBER OF STRANDS	STRAND		COND. DIAM. (NOM.)	CM AREA (NOM.)	DIAM. OVER INSULATION		WIRECRAFT CATALOG # EXTRUDED	DIAM. OVER INSULATION		WIRECRAFT CATALOG # EXTRUDED	DIAM. OVER INSULATION		WIRECRAFT CATALOG # EXTRUDED
		SIZE AWG.	DIAM.			MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
28	7	36	.0050	.015	175	.031	.039	287-K-SPC	.041	.049	287-KK-SPC	.025	.029	—
26	7	34	.0063	.019	278	.035	.043	267-K-SPC	.045	.053	267-KK-SPC	.029	.033	267-KT-SPC
26	19	38	.0040	.019	304	.035	.043	2619-K-SPC	.045	.053	2619-KK-SPC	.029	.033	2619-KT-SPC
26	1	26	.016	.016	253	.032	.040	261-K-SPC	.042	.050	261-KK-SPC	.026	.030	261-KT-SPC
24	7	32	.0080	.024	448	.040	.048	247-K-SPC	.050	.058	247-KK-SPC	.034	.038	247-KT-SPC
24	19	36	.0050	.024	475	.040	.048	2419-K-SPC	.050	.058	2419-KK-SPC	.034	.038	2419-KT-SPC
24	1	24	.020	.020	404	.036	.044	241-K-SPC	.046	.054	241-KK-SPC	.030	.034	241-KT-SPC
22	7	30	.0100	.030	700	.046	.054	227-K-SPC	.056	.064	227-KK-SPC	.040	.044	227-KT-SPC
22	19	34	.0063	.030	755	.046	.054	2219-K-SPC	.056	.064	2219-KK-SPC	.040	.044	2219-KT-SPC
22	1	22	.025	.025	640	.041	.050	221-K-SPC	.051	.060	221-KK-SPC	.035	.040	221-KT-SPC
20	7	28	.0126	.038	1113	.054	.062	207-K-SPC	.064	.072	207-KK-SPC	.048	.052	207-KT-SPC
20	19	32	.0080	.038	1216	.054	.062	2019-K-SPC	.064	.072	2019-KK-SPC	.048	.052	2019-KT-SPC
20	1	20	.032	.032	1020	.048	.056	201-K-SPC	.058	.066	201-KK-SPC	.042	.046	201-KT-SPC
18	7	26	.0159	.047	1771	.064	.074	187-K-SPC	.074	.084	187-KK-SPC	—	—	—
18	19	30	.0100	.047	1900	.064	.074	1819-K-SPC	.074	.084	1819-KK-SPC	—	—	—
18	1	18	.040	.040	1620	.056	.066	1819-K-SPC	.066	.077	181-KK-SPC	—	—	—
16	19	29	.0113	.053	2432	.073	.087	1619-K-SPC	.083	.095	1619-KK-SPC	—	—	—
16	26	30	.0100	.057	2600	—	—	—	.086	.098	1626-KK-SPC	—	—	—
16	1	16	.051	.051	2580	.067	.081	161-K-SPC	.077	.089	161-KK-SPC	—	—	—
14	19	27	.0142	.067	3838	.088	.102	1419-K-SPC	.098	.114	1419-KK-SPC	—	—	—
14	41	30	.0100	.072	4100	—	—	—	.102	.118	1441-KK-SPC	—	—	—
12	19	25	.0179	.084	6080	.107	.121	1219-K-SPC	.117	.133	1219-KK-SPC	—	—	—
12	65	30	.0100	.089	6500	—	—	—	.119	.135	1265-KK-SPC	—	—	—
10	37	26	.0159	.108	9361	.127	.141	1037-K-SPC	.137	.153	1037-KK-SPC	—	—	—
10	105	30	.0100	.127	10500	—	—	—	.146	.162	10105-KK-SPC	—	—	—
8	133	29	.0113	.161	17024	.185	.199	8133-K-SPC	.199	.219	8133-KK-SPC	—	—	—
6	133	27	.0142	.202	26866	—	—	—	.286	.301	6133-KK-SPC	—	—	—
4	133	25	.0179	.255	42560	—	—	—	.349	.369	4133-KK-SPC	—	—	—