

K FEP

600V
-65°C/+180°C and +200°C

Single core

Temp.	TPC SPC	-65°C to +180°C -65°C to +200°C
Voltage		0.6/1kV AC U ₀ /U
Test voltage		3.4kV AC
Flame retardant		
Low smoke generation		
• NEMA HP-4		

Construction

Conductor	K TPC K	Tin Plated Copper (TPC) Silver Plated Copper (SPC)							Insulation	FEP		
Colour 'cc'	00 Bk	11 Br	22 Rd	33 Or	44 Yw	55 Gn	66 Bl	77 Vi	88 Gr	99 Wh	29 Pk	89 Nat

Application

FEP is a thin wall insulation and jacket material intended for applications up to 200°C. FEP has good electrical properties and excellent fire performance. It is the most flexible of the fluoropolymer insulations and is ideal for use in long lengths. FEP is primarily used in data and coaxial cables, as well as for medical applications and control/signal cables for high temperature use. According to NEMA HP-4.

Description	Size		Conductor			Finished Wire			Electrical	Article Number
	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m		
K 3201 TPC K 3201	32	0.03	1 x 0.203	584.00	0.20	0.71	±0.10	1.1	2 3	559cc3201 562cc3201
K 3207 TPC K 3207	32	0.03	7 x 0.079	597.10	0.24	0.76	±0.10	1.2	2 3	559cc3207 562cc3207
K 3219 TPC K 3219	32	0.04	19 x 0.051	554.50	0.24	0.76	±0.10	1.3	2 3	559cc3219 562cc3219
K 3001 TPC K 3001	30	0.05	1 x 0.254	374.00	0.25	0.76	±0.10	1.3	3 4	559cc3001 562cc3001
K 3007 TPC K 3007	30	0.06	7 x 0.102	354.30	0.30	0.81	±0.10	1.5	3 4	559cc3007 562cc3007
K 3019 TPC K 3019	30	0.06	19 x 0.064	347.80	0.30	0.81	±0.10	1.5	3 4	559cc3019 562cc3019
K 2801 TPC K 2801	28	0.08	1 x 0.320	232.30	0.32	0.84	±0.10	1.7	4 5	559cc2801 562cc2801
K 2807 TPC K 2807	28	0.09	7 x 0.127	223.80	0.38	0.89	±0.10	2.0	4 5	559cc2807 562cc2807
K 2819 TPC K 2819	28	0.09	19 x 0.079	222.10	0.37	0.89	±0.10	2.0	4 5	559cc2819 562cc2819
K 2601 TPC K 2601	26	0.13	1 x 0.404	146.00	0.40	0.91	+0.11 -0.10	2.3	6 7	559cc2601 562cc2601
K 2607 TPC K 2607	26	0.14	7 x 0.160	139.80	0.48	0.99	±0.10	2.7	6 7	559cc2607 562cc2607
K 2619 TPC K 2619	26	0.15	19 x 0.102	131.60	0.48	0.99	±0.10	2.8	6 7	559cc2619 562cc2619
K 2401 TPC K 2401	24	0.20	1 x 0.511	89.20	0.51	1.02	+0.10 -0.11	3.1	8 10	559cc2401 562cc2401
K 2407 TPC K 2407	24	0.23	7 x 0.203	86.00	0.60	1.12	±0.10	3.7	8 10	559cc2407 562cc2407
K 2419 TPC K 2419	24	0.24	19 x 0.127	83.30	0.60	1.12	±0.10	3.9	8 10	559cc2419 562cc2419
K 0.25 TPC K 0.25	-	0.25	14 x 0.150	76.90	0.66	1.15	±0.05	4.0	9 10	559cc0025 562cc0025
K 2201 TPC K 2201	22	0.32	1 x 0.643	56.40	0.64	1.16	+0.11 -0.12	4.4	12 14	559cc2201 562cc2201
K 2207 TPC K 2207	22	0.35	7 x 0.254	54.80	0.76	1.27	±0.10	5.2	12 14	559cc2207 562cc2207
K 2219 TPC K 2219	22	0.38	19 x 0.160	52.20	0.76	1.27	±0.10	5.5	12 14	559cc2219 562cc2219
K 0.5 TPC K 0.5	-	0.50	16 x 0.200 19 x 0.185	40.10	0.88	1.45	±0.05	7.0	14 17	559cc0050 562cc1950
K 2001 TPC K 2001	20	0.52	1 x 0.813	35.10	0.81	1.32	±0.10	6.5	16 19	559cc2001 562cc2001
K 2007 TPC K 2007	20	0.56	7 x 0.320	34.10	0.96	1.47	±0.10	7.5	16 19	559cc2007 562cc2007
K 2019 TPC K 2019	20	0.62	19 x 0.203	32.00	0.96	1.47	±0.10	8.1	16 19	559cc2019 562cc2019
K 0.75 TPC K 0.75 TPC K 0.75	-	0.75	24 x 0.200 19 x 0.225 19 x 0.225	26.70	1.05 1.13 1.13	1.65	±0.05	10.0	19 19 22	559cc0075 559cc1975 562cc1975
K 1801 TPC K 1801	18	0.82	1 x 1.024	22.20	1.02	1.55	±0.13	9.6	22 27	559cc1801 562cc1801
K 1807 TPC K 1807	18	0.90	7 x 0.404	21.50	1.21	1.75	+0.13 -0.12	11.1	22 27	559cc1807 562cc1807

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	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m		
K 1819 TPC K 1819	18	0.96	19 x 0.254	20.40	1.20	1.75	+0.13 -0.12	11.4	22 27	559cc1819 562cc1819
K 1.0 TPC K 1.0	-	1.00	32 x 0.20	20.00	1.20	1.80	±0.05	13.0	22 27	559cc0100 562cc0100
K 1601 TPC K 1601	16	1.31	1 x 1.290	14.00	1.29	1.88	±0.18	14.7	27 32	559cc1601 562cc1601
K 1619 TPC K 1619	16	1.23	19 x 0.287	15.80	1.36	2.03	±0.18	14.8	27 32	559cc1619 562cc1619
K 1.5 TPC K 1.5	-	1.50	30 x 0.250	13.70	1.50	2.08	±0.05	17.0	30 35	559cc0150 562cc0150
K 1419 TPC K 1419	14	1.94	19 x 0.361	10.00	1.71	2.41	+0.18 -0.17	22.3	36 43	559cc1419 562cc1419
K 2.5 TPC K 2.5	-	2.50	50 x 0.25	8.21	1.95	2.58	±0.05	28.0	42 50	559cc0250 562cc0250
K 1219 TPC K 1219	12	3.08	19 x 0.455	6.30	2.15	2.90	+0.17 -0.18	34.0	50 59	559cc1219 562cc1219
K 1237 TPC K 1237	12	2.98	37 x 0.320	6.59	2.24	2.84	+0.18 -0.17	34.2	50 59	559cc1237 562cc1237
K 4 TPC K 4	-	4.00	56 x 0.300	5.09	2.48	3.13	±0.05	42.0	59 70	559cc0400 562cc0400
K 1037 TPC K 1037	10	4.74	37 x 0.404	4.13	2.82	3.40	+0.18 -0.17	50.7	68 81	559cc1037 562cc1037
K 6 TPC K 6	-	6.00	84 x 0.300	3.39	2.92	3.83	±0.05	62.0	77 92	559cc0600 562cc0600
K 8133 TPC K 8133	8	8.61	133 x 0.287	2.30	4.10	4.88	+0.17 -0.18	90.7	109 129	559cc8133 562cc8133

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