

KT TPC

FEP NEMA HP-4

250V AC

-65°C / +180°C

Construction

Wire	Tin Plated Copper (TPC)				Insulation	FEP	Voltage		250/500V AC U _o /U _i			
							Test voltage		2500V AC			
Colour (cc)	00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink	89 Clear

Description	Size		Conductor			Finished Core			Electrical	Article Number
	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m		
KT 3201 TPC	32	0.03	1 x 0.203	584.00	0.20	0.51	± 0.05	0.7	2	558cc3201
KT 3207 TPC		0.03	7 x 0.079	597.10	0.24	0.56	± 0.05	0.8		558cc3207
KT 3219 TPC		0.04	19 x 0.051	554.50	0.24	0.56	± 0.05	0.8		558cc3219
KT 3001 TPC	30	0.05	1 x 0.254	374.00	0.25	0.56	± 0.05	0.9	3	558cc3001
KT 3007 TPC		0.06	7 x 0.102	354.30	0.30	0.61	± 0.05	1.0		558cc3007
KT 3019 TPC		0.06	19 x 0.064	347.80	0.30	0.61	± 0.05	1.0		558cc3019
KT 2801 TPC	28	0.08	1 x 0.320	232.30	0.32	0.64	+0.05 - 0.06	1.5	4	558cc2801
KT 2807 TPC		0.09	7 x 0.127	223.80	0.38	0.69	± 0.05	1.4		558cc2807
KT 2819 TPC		0.09	19 x 0.079	222.10	0.37	0.69	± 0.05	1.2		558cc2819
KT 2601 TPC	26	0.13	1 x 0.404	146.00	0.40	0.71	± 0.05	1.7	6	558cc2601
KT 2607 TPC		0.14	7 x 0.160	139.80	0.48	0.79	± 0.05	2.0		558cc2607
KT 2619 TPC		0.15	19 x 0.102	131.60	0.48	0.79	± 0.05	2.1		558cc2619
KT 2401 TPC	24	0.20	1 x 0.511	89.20	0.51	0.81	± 0.05	2.6	8	558cc2401
KT 2407 TPC		0.23	7 x 0.203	86.00	0.60	0.91	+0.06 - 0.05	2.9		558cc2407
KT 2419 TPC		0.24	19 x 0.127	83.30	0.60	0.91	+0.06 - 0.05	2.9		558cc2419
KT 0.25 TPC	-	0.25	14 x 0.150	76.90	0.66	0.95	± 0.05	4.0	9	558cc0025
KT 2201 TPC	22	0.32	1 x 0.643	56.40	0.64	0.95	+0.07 - 0.06	3.8	12	558cc2201
KT 2207 TPC		0.35	7 x 0.254	54.80	0.76	1.07	± 0.05	4.4		558cc2207
KT 2219 TPC		0.38	19 x 0.160	52.20	0.76	1.07	± 0.05	4.4		558cc2219
KT 0.50 TPC	-	0.50	16 x 0.200 19 x 0.185	40.10	0.88	1.25	± 0.05	6.0	14	558cc0050
KT 2001 TPC	20	0.52	1 x 0.813	35.10	0.81	1.12	± 0.05	5.6	16	558cc2001
KT 2007 TPC		0.56	7 x 0.320	34.10	0.96	1.27	± 0.05	6.3		558cc2007
KT 2019 TPC		0.62	19 x 0.203	32.00	0.96	1.27	± 0.05	6.6		558cc2019
KT 0.75 TPC	-	0.75	24 x 0.200 19 x 0.225	26.70	1.05 1.13	1.45	± 0.05	9	19	558cc0075 558cc1975



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.

- Flame retardant: IEC 60332-1, IEC 60332-3-24
- Low smoke generation: IEC 61034-2
- RoHS compliant
- In accordance with: NEMA HP-4

KT

FEP NEMA HP-4

250V AC

-65°C / +200°C

Construction

Wire	Silver Plated Copper (SPC)				Insulation	FEP	Voltage		250/500V AC U ₀ /U _i			
							Test voltage		2500V AC			
Colour (cc)	00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink	89 Clear

Description	Size		Conductor			Finished Core			Electrical	Article Number	
	AWG	CSA	stranding	resistance	wire	core	tolerance		weight	amps at 40°C	
		mm²		Ω/km	Ø	Ø			g/m		
KT 3201	32	0.03	1 × 0.203	584.00	0.20	0.51	± 0.05		0.7	3	561cc3201
KT 3207		0.03	7 × 0.079	597.10	0.24	0.56	± 0.05		0.8		561cc3207
KT 3219		0.04	19 × 0.051	554.50	0.24	0.56	± 0.05		0.8		561cc3219
KT 3001	30	0.05	1 × 0.254	374.00	0.25	0.56	± 0.05		0.9	4	561cc3001
KT 3007		0.06	7 × 0.102	354.30	0.30	0.61	± 0.05		1.0		561cc3007
KT 3019		0.06	19 × 0.064	347.80	0.30	0.61	± 0.05		1.0		561cc3019
KT 2801	28	0.08	1 × 0.320	232.30	0.32	0.64	+ 0.05 - 0.06	1.5	5	561cc2801	
KT 2807		0.09	7 × 0.127	223.80	0.38	0.69	± 0.05			1.4	561cc2807
KT 2819		0.09	19 × 0.079	222.10	0.37	0.69	± 0.05			1.2	561cc2819
KT 2601	26	0.13	1 × 0.404	146.00	0.40	0.71	± 0.05		1.7	7	561cc2601
KT 2607		0.14	7 × 0.160	139.80	0.48	0.79	± 0.05		2.0		561cc2607
KT 2619		0.15	19 × 0.102	131.60	0.48	0.79	± 0.05		2.1		561cc2619
KT 2401	24	0.20	1 × 0.511	89.20	0.51	0.81	± 0.05		2.6	10	561cc2401
KT 2407		0.23	7 × 0.203	86.00	0.60	0.91	+ 0.06 - 0.05	2.9	561cc2407		
KT 2419		0.24	19 × 0.127	83.30	0.60	0.91	+ 0.06 - 0.05	2.9	561cc2419		
KT 0.25	-	0.25	14 × 0.150	76.90	0.66	0.95	± 0.05		4.0	10	561cc0025
KT 2201	22	0.32	1 × 0.643	56.40	0.64	0.95	+ 0.07 - 0.06	3.8	14	561cc2201	
KT 2207		0.35	7 × 0.254	54.80	0.76	1.07	± 0.05			4.4	561cc2207
KT 2219		0.38	19 × 0.160	52.20	0.76	1.07	± 0.05			4.4	561cc2219
KT 0.50	-	0.50	19 × 0.185	40.10	0.88	1.25	± 0.05		6.0	17	561cc1950
KT 2001	20	0.52	1 × 0.813	35.10	0.81	1.12	± 0.05		5.6	19	561cc2001
KT 2007		0.56	7 × 0.320	34.10	0.96	1.27	± 0.05		6.3		561cc2007
KT 2019		0.62	19 × 0.203	32.00	0.96	1.27	± 0.05		6.6		561cc2019
KT 0.75	-	0.75	19 × 0.225	26.70	1.13	1.45	± 0.05		9	22	561cc1975



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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.

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