


FEP / KK TPC

FEP insulated cores, based on: NEMA HP-4
Intended for use as internal wiring of equipment
1000 V AC

Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				FEP			Weight	DC Resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
KK 3201 TPC	560cc3201	32	0.03	1 x 0.203	0.20	0.94	0.84	1.01	1.8	584	4
KK 3207 TPC	560cc3207		0.03	7 x 0.079	0.24	0.99	0.89	1.09	1.9	597	
KK 3219 TPC	560cc3219		0.04	19 x 0.050	0.24	0.99	0.89	1.09	1.9	554	
KK 3001 TPC	560cc3001	30	0.05	1 x 0.254	0.25	1.02	0.92	1.12	2.1	374	5
KK 3007 TPC	560cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	354	
KK 3019 TPC	560cc3019		0.06	19 x 0.060	0.30	1.07	0.97	1.17	2.3	347	
KK 2801 TPC	560cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	232	7
KK 2807 TPC	560cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.7	223	
KK 2819 TPC	560cc2819		0.09	19 x 0.079	0.37	1.14	1.04	1.24	2.7	222	
KK 2601 TPC	560cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	146	9
KK 2607 TPC	560cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.5	139	
KK 2619 TPC	560cc2619		0.15	19 x 0.102	0.48	1.24	1.14	1.35	3.6	131	
KK 2401 TPC	560cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	89.2	12
KK 2407 TPC	560cc2407		0.23	7 x 0.203	0.60	1.37	1.27	1.47	4.6	86.0	
KK 2419 TPC	560cc2419		0.24	19 x 0.127	0.60	1.37	1.24	1.47	4.7	83.3	
KK 0,25 TPC	560cc0025	-	0.25	14 x 0.150	0.66	1.38	1.28	1.48	4.0	76.9	14
KK 2201 TPC	560cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	56.4	16
KK 2207 TPC	560cc2207		0.35	7 x 0.254	0.76	1.52	1.42	1.63	6.1	54.8	
KK 2219 TPC	560cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.63	6.4	52.2	
KK 0,5 TPC	560cc0050	-	0.50	19 x 0.185	0.88	1.68	1.58	1.78	7.0	40.1	21
KK 2001 TPC	560cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.67	7.7	35.1	22
KK 2007 TPC	560cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.5	34.1	
KK 2019 TPC	560cc2019		0.62	19 x 0.203	0.96	1.73	1.63	1.83	9.0	32.0	
KK 0,75 TPC	560cc0075	-	0.75	24 x 0.20	1.05	1.90	1.80	2.00	11	26.7	28
KK 1801 TPC	560cc1801	18	0.82	1 x 1.024	1.02	1.82	1.68	1.96	11	22.2	29
KK 1807 TPC	560cc1807		0.90	7 x 0.404	1.21	2.00	1.88	2.13	12	21.5	
KK 1819 TPC	560cc1819		0.96	19 x 0.254	1.20	2.00	1.88	2.13	13	20.4	
KK 1,0 TPC	560cc0100	-	1.00	32 x 0.20	1.20	2.05	1.93	2.17	12	20.0	33
KK 1601 TPC	560cc1601	16	1.31	1 x 1.290	1.29	2.11	1.96	2.26	16	14.0	37
KK 1619 TPC	560cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	16	15.8	
KK 1,5 TPC	560cc0150	-	1.50	30 x 0.25	1.50	2.35	2.20	2.50	20	13.7	41

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

Characteristics and key properties

CE	UK CA	RoHS REACH LVD	Current rating IEC 60287	Fluid resistant Fuel Oil Water	Flame resistant	Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø	
Complies with NEMA HP-4						Temp low -65°C	Temp >20,000 hrs +150°C	Temp peak +180°C

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KK 1419 TPC	560cc1419	14	1.94	19 x 0.361	1.71	2.69	2.48	2.90	24	10.0	50
KK 2,5 TPC	560cc0250	-	2.50	50 x 0.25	1.95	2.88	2.68	3.08	30	8.21	58
KK 1219 TPC	560cc1219	12	3.08	19 x 0.455	2.15	3.17	2.97	3.38	36	6.30	67
KK 1237 TPC	560cc1237		2.98	37 x 0.320	2.24	3.12	2.92	3.33	37	6.59	
KK 4 TPC	560cc0400	-	4.00	56 x 0.30	2.48	3.45	3.25	3.65	47	5.09	78
KK 1037 TPC	560cc1037	10	4.74	37 x 0.404	2.82	3.68	3.48	3.89	54	4.13	89
KK 6 TPC	560cc0600	-	6.00	84 x 0.30	2.92	4.24	3.99	4.49	66	3.39	102
KK 8133 TPC	560cc8133	8	8.61	133 x 0.287	4.10	5.30	5.05	5.56	98	2.30	133
KK 10 TPC	560cc1000	-	10.00	80 x 0.40	3.93	5.48	5.28	5.68	112	1.95	144
KK 6133 TPC	560cc6133	6	12.59	133 x 0.361	5.13	7.45	7.23	7.67	174	1.46	182
KK 16 TPC	560cc1600	-	16.00	128 x 0.40	5.70	7.45	7.20	7.70	166	1.24	197
KK 4133 TPC	560cc4133	4	21.59	133 x 0.455	6.75	9.12	8.87	9.37	267	0.920	245
KK 25 TPC	560cc2500	-	25.00	196 x 0.40	7.20	8.60	8.34	8.85	300	0.795	270
KK 2665 TPC	560cc2665	2	33.70	665 x 0.254	8.51	10.29	10.04	10.54	376	0.580	320
KK 35 TPC	560cc3500	-	35.00	280 x 0.40	8.40	9.95	9.65	10.25	340	0.565	325
KK 1817 TPC	560cc1817	1	41.40	817 x 0.254	9.60	12.32	12.07	12.57	469	0.490	370
KK 50 TPC	560cc5000	-	50.00	399 x 0.40	10.70	11.90	11.54	12.26	475	0.393	407
KK 70 TPC	560cc7000	-	70.00	560 x 0.40	12.40	13.85	13.50	14.20	660	0.277	490
KK 95 TPC	560cc9500	-	95.00	760 x 0.40	14.30	16.10	15.70	16.50	990	0.210	680

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