


FEP / K

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

Order reference		Conductor				Finished wire				Electrical	
		Silver Plated Copper (SPC)				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
K 3201	562cc3201	32	0.03	1 x 0.203	0.20	0.71	0.61	0.81	1.1	584	4
K 3207	562cc3207		0.03	7 x 0.079	0.24	0.74	0.64	0.84	1.2	597	
K 3219	562cc3219		0.04	19 x 0.051	0.24	0.76	0.66	0.86	1.3	554	
K 3001	562cc3001	30	0.05	1 x 0.254	0.25	0.76	0.66	0.86	1.3	374	5
K 3007	562cc3007		0.06	7 x 0.102	0.30	0.81	0.71	0.91	1.5	354	
K 3019	562cc3019		0.06	19 x 0.064	0.30	0.81	0.71	0.91	1.5	347	
K 2801	562cc2801	28	0.08	1 x 0.320	0.32	0.84	0.74	0.94	1.7	232	7
K 2807	562cc2807		0.09	7 x 0.127	0.38	0.89	0.79	0.99	2.0	223	
K 2819	562cc2819		0.09	19 x 0.079	0.37	0.89	0.79	0.99	2.0	222	
K 2601	562cc2601	26	0.13	1 x 0.404	0.40	0.91	0.81	1.01	2.3	146	10
K 2607	562cc2607		0.14	7 x 0.160	0.48	0.99	0.89	1.09	2.7	139	
K 2619	562cc2619		0.15	19 x 0.102	0.48	0.99	0.89	1.09	2.8	131	
K 2401	562cc2401	24	0.20	1 x 0.511	0.51	1.02	0.92	1.12	3.1	89.2	13
K 2407	562cc2407		0.23	7 x 0.203	0.60	1.12	1.02	1.22	3.7	86.0	
K 2419	562cc2419		0.24	19 x 0.127	0.60	1.12	1.02	1.22	3.9	83.3	
K 0.25	562cc0025	-	0.25	14 x 0.15	0.66	1.15	1.10	1.20	4.0	76.9	15
K 2201	562cc2201	22	0.32	1 x 0.643	0.64	1.15	1.04	1.27	4.4	56.4	17
K 2207	562cc2207		0.35	7 x 0.254	0.76	1.27	1.17	1.37	5.2	54.8	
K 2219	562cc2219		0.38	19 x 0.160	0.76	1.27	1.17	1.37	5.5	52.2	
K 0.5	562cc1950	-	0.50	19 x 0.185	0.88	1.45	1.40	1.50	7.0	40.1	23
K 2001	562cc2001	20	0.52	1 x 0.813	0.81	1.32	1.22	1.42	6.5	35.1	23
K 2007	562cc2007		0.56	7 x 0.320	0.96	1.47	1.37	1.57	7.5	34.1	
K 2019	562cc2019		0.62	19 x 0.203	0.96	1.47	1.37	1.57	8.1	32.0	
K 0.75	562cc1975	-	0.75	19 x 0.225	1.13	1.65	1.60	1.70	10.0	26.7	29
K 1801	562cc1801	18	0.82	1 x 1.024	1.02	1.54	1.42	1.67	9.6	22.2	30
K 1807	562cc1807		0.90	7 x 0.404	1.21	1.75	1.63	1.88	11.1	21.5	
K 1819	562cc1819		0.96	19 x 0.254	1.20	1.75	1.63	1.88	11.4	20.4	
K 1.0	562cc0100	-	1.00	32 x 0.20	1.20	1.80	1.75	1.85	13.0	20.0	35
K 1601	562cc1601	16	1.31	1 x 1.290	1.29	1.87	1.70	2.05	14.7	14.0	40
K 1619	562cc1619		1.23	19 x 0.287	1.36	2.03	1.85	2.21	14.8	15.8	
K 1.5	562cc0150	-	1.50	30 x 0.25	1.50	2.08	2.03	2.13	17.0	13.7	44

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	Fluid resistant	Flame resistant	Smoke free	MBR
			IEC 60287	Fuel Oil Water			Fixed = 5x Ø Flexing = 10x Ø
Complies with						Temp low	Temp >20,000 hrs
NEMA HP-4						-65°C	+200°C

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K 1419	562cc1419	14	1.94	19 x 0.361	1.71	2.41	2.24	2.59	22.3	10.0	52
K 2.5	562cc0250	-	2.50	50 x 0.25	1.95	2.58	2.53	2.63	28.0	8.21	61
K 1219	562cc1219	12	3.08	19 x 0.455	2.15	2.89	2.72	3.07	34.0	6.30	70
K 1237	562cc1237		2.98	37 x 0.320	2.24	2.84	2.67	3.02	34.2	6.59	
K 4	562cc0400	-	4.00	56 x 0.30	2.48	3.13	3.08	3.18	42.0	5.09	83
K 1037	562cc1037	10	4.74	37 x 0.404	2.82	3.40	3.22	3.58	50.7	4.13	94
K 6	562cc0600	-	6.00	84 x 0.30	2.92	3.83	3.78	3.88	62.0	3.39	106
K 8133	562cc8133	8	8.61	133 x 0.287	4.10	4.87	4.70	5.05	90.7	2.30	139

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Characteristics and key properties

		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 +200°C	

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