


## PTFE / EE NPC

PTFE insulated cores, based on: NEMA HP-3  
Intended for use as internal wiring of equipment  
1000 V AC

Order reference		Conductor				Finished wire				Electrical	
		Nickel Plated Copper (NPC)				PTFE			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
EE 3201 NPC	413cc3201	32	0.03	1 x 0.203	0.20	0.96	0.86	1.07	1.8	580	5
EE 3207 NPC	413cc3207		0.04	7 x 0.079	0.24	1.02	0.92	1.12	2.0	610	
EE 3219 NPC	413cc3219		0.04	19 x 0.051	0.25	1.02	0.92	1.12	2.0	587	
EE 3001 NPC	413cc3001	30	0.05	1 x 0.254	0.25	1.02	0.92	1.12	2.1	360	7
EE 3007 NPC	413cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	360	
EE 3019 NPC	413cc3019		0.06	19 x 0.064	0.32	1.07	0.97	1.17	2.3	367	
EE 2801 NPC	413cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	227	9
EE 2807 NPC	413cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.9	221	
EE 2819 NPC	413cc2819		0.09	19 x 0.079	0.39	1.14	1.04	1.24	2.9	227	
EE 2601 NPC	413cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	143	11
EE 2607 NPC	413cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.6	138	
EE 2619 NPC	413cc2619		0.16	19 x 0.102	0.48	1.24	1.14	1.37	3.8	134	
EE 2401 NPC	413cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	89.5	15
EE 2407 NPC	413cc2407		0.22	7 x 0.203	0.60	1.37	1.27	1.47	4.8	85.3	
EE 2419 NPC	413cc2419		0.24	19 x 0.127	0.60	1.37	1.27	1.50	5.0	82.6	
EE 2201 NPC	413cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	56.4	20
EE 2207 NPC	413cc2207		0.36	7 x 0.254	0.76	1.52	1.42	1.63	6.4	53.1	
EE 2219 NPC	413cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.68	6.7	51.5	
EE 0,5 NPC	413cc0050	-	0.50	19 x 0.185	0.88	1.68	1.58	1.78	7.0	40.1	26
EE 2001 NPC	413cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.68	7.7	35.4	26
EE 2007 NPC	413cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.9	33.4	
EE 2019 NPC	413cc2019		0.60	19 x 0.203	0.96	1.73	1.63	1.83	9.5	31.7	
EE 0,75 NPC	413cc0075	-	0.75	24 x 0.200	1.05	1.90	1.80	2.00	11	26.7	34
EE 1801 NPC	413cc1801	18	0.82	1 x 1.024	1.02	1.80	1.68	1.93	11	22.2	34
EE 1807 NPC	413cc1807		0.88	7 x 0.404	1.21	2.00	1.88	2.13	13	21.0	
EE 1819 NPC	413cc1819		0.96	19 x 0.254	1.20	2.00	1.88	2.13	14	19.7	
EE 1601 NPC	413cc1601	16	1.30	1 x 1.287	1.29	2.11	1.96	2.26	16	14.0	45
EE 1619 NPC	413cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	17	15.5	
EE 1,5 NPC	413cc0150	-	1.50	30 x 0.250	1.50	2.35	2.20	2.50	20	13.7	49
EE 1419 NPC	413cc1419	14	1.87	19 x 0.361	1.70	2.69	2.49	2.90	24	9.81	59
EE 2,5 NPC	413cc0250	-	2.50	50 x 0.250	1.95	2.88	2.68	3.08	30	8.21	68
EE 1219 NPC	413cc1219	12	3.02	19 x 0.455	2.14	3.17	2.97	3.38	36	6.16	78

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

<b>CE</b>	<b>UK CA</b>	RoHS REACH LVD		<b>Current rating</b> IEC 60287	<b>Fluid resistant</b> Fuel Oil Water		<b>Flame resistant</b>		<b>Smoke free</b>	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
<b>Complies with</b> NEMA HP-3								<b>Temp low</b> -65°C	<b>Temp</b> >20,000 hrs +260°C	

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