

PTFE // E NPC & H-RE NPC

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

Description	Conductor					Finished wire					
E NPC = extruded & H-RE NPC = wrapped	Nickel Plated Copper (NPC)					PTFE			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U _y /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
E 3201 NPC	32	0.03	1 x 0.203	580.7	0.20	0.74	0.64	0.84	1.1	5	x12cc3201
E 3207 NPC		0.04	7 x 0.079	610.2	0.24	0.76	0.66	0.86	1.2		x12cc3207
E 3219 NPC		0.04	19 x 0.051	587.2	0.25	0.76	0.66	0.86	1.3		x12cc3219
E 3001 NPC	30	0.05	1 x 0.254	360.8	0.25	0.76	0.66	0.86	1.3	6	x12cc3001
E 3007 NPC		0.06	7 x 0.102	360.8	0.30	0.81	0.71	0.91	1.5		x12cc3007
E 3019 NPC		0.06	19 x 0.064	367.4	0.32	0.81	0.71	0.91	1.5		x12cc3019
E 2801 NPC	28	0.08	1 x 0.320	227.6	0.32	0.84	0.74	0.94	1.7	8	x12cc2801
E 2807 NPC		0.09	7 x 0.127	221.7	0.38	0.89	0.79	0.99	2.0		x12cc2807
E 2819 NPC		0.09	19 x 0.079	227.3	0.39	0.89	0.79	0.99	2.0		x12cc2819
E 2601 NPC	26	0.13	1 x 0.404	143.0	0.40	0.91	0.81	1.01	2.3	11	x12cc2601
E 2607 NPC		0.14	7 x 0.160	138.4	0.48	0.99	0.89	1.09	2.7		x12cc2607
E 2619 NPC		0.16	19 x 0.102	134.5	0.48	1.00	0.90	1.10	2.8		x12cc2619
E 2401 NPC	24	0.20	1 x 0.511	89.56	0.51	1.02	0.92	1.12	3.1	15	x12cc2401
E 2407 NPC		0.22	7 x 0.203	85.30	0.60	1.12	1.02	1.22	3.7		x12cc2407
E 2419 NPC		0.24	19 x 0.127	82.67	0.60	1.13	1.03	1.23	3.9		x12cc2419
E 2201 NPC	22	0.32	1 x 0.643	56.43	0.64	1.15	1.05	1.25	4.4	19	x12cc2201
E 2207 NPC		0.36	7 x 0.254	53.15	0.76	1.27	1.17	1.37	5.2		x12cc2207
E 2219 NPC		0.38	19 x 0.160	51.50	0.76	1.30	1.20	1.40	5.5		x12cc2219
E 0,5 NPC	-	0.50	16 x 0.200	40.10	0.88	1.45	1.40	1.50	7.0	26	x12cc0050
E 2001 NPC	20	0.52	1 x 0.813	35.43	0.81	1.32	1.22	1.42	6.5	26	x12cc2001
E 2007 NPC		0.56	7 x 0.320	33.46	0.96	1.47	1.37	1.57	7.5		x12cc2007
E 2019 NPC		0.60	19 x 0.203	31.75	0.96	1.47	1.37	1.57	8.1		x12cc2019
E 0,75 NPC	-	0.75	24 x 0.200	26.70	1.13	1.65	1.60	1.70	10	34	x12cc0075
E 1801 NPC	18	0.82	1 x 1.024	22.27	1.02	1.54	1.44	1.64	9.6	34	x12cc1801
E 1807 NPC		0.88	7 x 0.404	21.06	1.21	1.75	1.65	1.85	12		x12cc1807
E 1819 NPC		0.96	19 x 0.254	19.78	1.20	1.75	1.65	1.85	12		x12cc1819
E 1601 NPC	16	1.30	1 x 1.287	14.00	1.29	1.87	1.77	1.97	15	45	x12cc1601
E 1619 NPC		1.23	19 x 0.287	15.51	1.36	2.03	1.93	2.13	16		x12cc1619
E 1,5 NPC	-	1.50	30 x 0.250	13.70	1.50	2.15	2.10	2.20	18	49	x12cc0150
E 1419 NPC	14	1.87	19 x 0.361	9.810	1.70	2.42	2.32	2.52	23	59	x12cc1419
E 2,5 NPC	-	2.50	50 x 0.250	8.210	1.95	2.58	2.53	2.63	28	68	x12cc0250
E 1219 NPC	12	3.02	19 x 0.455	6.168	2.14	2.90	2.80	3.00	34	79	x12cc1219
H-RE 1237 NPC		2.97	37 x 0.320	6.468	2.17	2.85	2.67	3.02	41		212cc1237
H-RE 1037 NPC	10	4.74	37 x 0.404	4.068	2.80	3.40	3.30	3.50	52	106	212cc1037

Replace 'x' in the article number with a '4' for extruded (E) or '2' for tape-wrapped (H-RE) insulation
Sizes 12 AWG, 37 strands and above are only available as tape-wrapped.

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	89: Clear
Characteristics and key properties											
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU					Low smoke generation	Flame retardant	+260°C High temp	
Complies with NEMA HP-3						Current rating in free air to IEC 60287	-65°C Low temp				

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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