

PTFE // ET, E & EE

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

250/500V AC U₀/U

-65°C to +200°C

Description	Conductor					Finished Core					Article Number
ET = extruded & H-RET = wrapped	Size		Silver Plated Copper (SPC)			PTFE			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	
ET 0.50	-	0.50	19 x 0.185	35.9	0.88	1.25	1.20	1.30	6.0	22	511 / 311cc0050
ET 0.75	-	0.75	19 x 0.226	24.3	1.13	1.45	1.40	1.50	9.0	29	511 / 311cc0075

600/1000V AC U₀/U

-65°C to +200°C

Description	Conductor					Finished Core					Article Number
E = extruded & H-RE = wrapped	Size		Silver Plated Copper (SPC)			PTFE			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	
E 0.5	-	0.50	19 x 0.185	35.9	0.88	1.45	1.40	1.50	7.0	23	512 / 312cc0050
E 0.75	-	0.75	19 x 0.226	24.3	1.13	1.65	1.60	1.70	10	29	512 / 312cc0075
E 1.5	-	1.50	19 x 0.320	13.7	1.50	2.15	2.10	2.20	18	45	512 / 312cc0150
E 2.5	-	2.50	61 x 0.225	8.21	1.95	2.58	2.53	2.63	28	61	512 / 312cc0250

1000/1900V AC U₀/U

-65°C to +200°C

Description	Conductor					Finished Core					Article Number
EE = extruded & H-REE = wrapped	Size		Silver Plated Copper (SPC)			PTFE			Weight	Amps	
			Stranding	DC resistance	Wire	Core	Tolerance				
	AWG	mm²			Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	
EE 0.50	-	0.50	19 x 0.185	40.1	0.88	1.68	1.58	1.78	7.0	23	513 / 313cc0050
EE 0.75	-	0.75	24 x 0.200	26.7	1.05	1.90	1.80	2.00	11	29	513 / 313cc0075
EE 1.0	-	1.00	32 x 0.200	20.0	1.20	2.05	1.93	2.17	12	35	513 / 313cc0100
EE 1.5	-	1.50	30 x 0.250	13.7	1.50	2.35	2.20	2.50	20	44	513 / 313cc0150
EE 2.5	-	2.50	50 x 0.250	8.21	1.95	2.88	2.68	3.08	30	61	513 / 313cc0250
H-REE 4	-	4.00	56 x 0.300	5.09	2.48	3.45	3.25	3.65	47	83	313cc0400
H-REE 6	-	6.00	84 x 0.300	3.39	2.92	4.24	3.99	4.49	66	106	313cc0600
H-REE 10	-	10.0	80 x 0.400	1.95	3.93	5.48	5.28	5.68	112	150	313cc1000

Many sizes available in both extruded 'E' and tape-wrapped 'H-RE' variants. Change the first digit of the article number to select: 513 = extruded 313 = tape-wrapped.
Sizes 4mm² and above shall be tape-wrapped only.

Identification

Colours - replace 'cc' in the article number with 2 digits below											
00	11	22	33	44	55	66	77	88	99	29	89
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Clear

Characteristics & key properties

CE	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Flame retardant	Low smoke generation	Current rating in free air to IEC 60287	back to Single wires
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Data indicates nominal values in millimetres (mm) unless otherwise stated.

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