


# PTFE / H-REE

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	
		Silver Plated Copper (SPC)				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
H-REE 3201	313cc3201	32	0.03	1 x 0.203	0.20	0.96	0.86	1.07	1.8	544	4
H-REE 3207	313cc3207		0.04	7 x 0.079	0.24	1.02	0.92	1.12	2.0	557	
H-REE 3219	313cc3219		0.04	19 x 0.051	0.25	1.02	0.92	1.12	2.0	515	
H-REE 3001	313cc3001	30	0.05	1 x 0.254	0.25	1.02	0.92	1.12	2.1	347	6
H-REE 3007	313cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	328	
H-REE 3019	313cc3019		0.06	19 x 0.064	0.32	1.07	0.97	1.17	2.3	323	
H-REE 2801	313cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	218	8
H-REE 2807	313cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.9	208	
H-REE 2819	313cc2819		0.09	19 x 0.079	0.39	1.14	1.04	1.24	2.9	207	
H-REE 2601	313cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	137	10
H-REE 2607	313cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.6	130	
H-REE 2619	313cc2619		0.16	19 x 0.102	0.48	1.24	1.14	1.37	3.8	122	
H-REE 2401	313cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	85.9	13
H-REE 2407	313cc2407		0.22	7 x 0.203	0.60	1.37	1.27	1.47	4.8	80.3	
H-REE 2419	313cc2419		0.24	19 x 0.127	0.60	1.37	1.27	1.50	5.0	77.4	
H-REE 2201	313cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	54.1	17
H-REE 2207	313cc2207		0.36	7 x 0.254	0.76	1.52	1.42	1.63	6.4	51.1	
H-REE 2219	313cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.68	6.7	48.5	
H-REE 0,5	313cc0050	-	0.50	19 x 0.185	0.88	1.68	1.58	1.78	7.0	40.1	23
H-REE 2001	313cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.68	7.7	33.7	23
H-REE 2007	313cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.9	32.1	
H-REE 2019	313cc2019		0.60	19 x 0.203	0.96	1.73	1.63	1.83	9.5	29.8	
H-REE 0,75	313cc0075	-	0.75	19 x 0.226	1.13	1.90	1.80	2.00	11	24.3	29
H-REE 1801	313cc1801	18	0.82	1 x 1.024	1.02	1.80	1.68	1.93	11	21.3	30
H-REE 1807	313cc1807		0.88	7 x 0.404	1.21	2.00	1.88	2.13	13	20.2	
H-REE 1819	313cc1819		0.96	19 x 0.254	1.20	2.00	1.88	2.13	14	18.9	
H-REE 1601	313cc1601	16	1.30	1 x 1.287	1.29	2.11	1.96	2.26	16	13.4	40
H-REE 1619	313cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	17	14.8	
H-REE 1,5	313cc0150	-	1.50	19 x 0.320	1.50	2.35	2.20	2.50	20	13.7	44
H-REE 1419	313cc1419	14	1.87	19 x 0.361	1.70	2.69	2.49	2.90	24	9.41	53
H-REE 2,5	313cc0250	-	2.50	61 x 0.225	1.95	2.88	2.68	3.08	30	8.21	60

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-3						Temp low -65°C	Temp >20,000 hrs +200°C

DISCLAIMER: This document and its content remain the property of Habia Cable. It may not be used, copied or provided to any other party than the intended recipient, without prior written permission from Habia Cable. The product shown is intended for professional use and is subject to the user's own evaluation for any particular purpose. Information provided indicates nominal, indicative values and cannot be considered a binding representation or warranty for products and their use. Information is considered valid at the time of publication and is subject to change without notice.

## PTFE / H-REE

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	
		Silver Plated Copper (SPC)				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
H-REE 1219	313cc1219	12	3.02	19 x 0.455	2.14	3.17	2.97	3.38	36	5.93	71
H-REE 1237	313cc1237		2.97	37 x 0.320	2.17	3.20	2.92	3.32	35	6.20	
H-REE 4	313cc0400	-	4.00	56 x 0.300	2.48	3.50	3.25	3.65	47	5.09	81
H-REE 1037	313cc1037	10	4.74	37 x 0.404	2.80	3.76	3.48	3.89	52	3.90	92
H-REE 6	313cc0600	-	6.00	84 x 0.300	2.92	4.10	3.99	4.49	66	3.39	103
H-REE 8133	313cc8133	8	8.60	133 x 0.287	4.10	5.38	5.05	5.56	94	2.16	137
H-REE 10	313cc1000	-	10.00	80 x 0.400	3.93	5.50	5.30	5.70	124	1.95	145
H-REE 6133	313cc6133	6	13.61	133 x 0.361	5.15	7.40	7.26	7.65	155	1.37	186

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-3						Temp low -65°C	Temp >20,000 hrs +200°C

DISCLAIMER: This document and its content remain the property of Habia Cable. It may not be used, copied or provided to any other party than the intended recipient, without prior written permission from Habia Cable. The product shown is intended for professional use and is subject to the user's own evaluation for any particular purpose. Information provided indicates nominal, indicative values and cannot be considered a binding representation or warranty for products and their use. Information is considered valid at the time of publication and is subject to change without notice.