

RTFRO // Multicores

ETFE insulated & sheathed multicores to DNV GL - Ships, offshore units and high speed & light craft
Intended for use in equipment installed on classed vessels

300/500V AC U₀/U

Certified: -40°C to +95°C

Actual range: -65°C to +150°C

Description	Arrangement		Cores		Finished Cable				Article Number		
	No. of cores	Conductor		Insulation	Shield/s	Sheath/s	Weight	Amps			
		Size	Stranding	TPC	ETFE	TPC braid				ETFE + ripcord	
RTFRO		mm ²		Nom Ø	Nom Ø	Nom Ø *	Nom Ø *	Nom g/m	@ 40°C *		
RTFRO 2 x 0,75	2	0.75	Class 5	1.05	1.61	4.8 x 5.8	5.6 x 6.6	79	12.8	43171-001-07	
RTFRO 2 x 1,0		1.00	Class 5	1.20	1.76	5.2 x 5.8	6.1 x 6.7	80	14.5	700016590	
RTFRO 2 x 1,5		1.50	Class 5	1.50	2.26	2.26	6.3 x 7.3	7.3 x 8.3	123	20.2	43171-006-01
RTFRO 3 x 0,5	3	0.50	Class 5	0.88	1.44	4.6 x 5.6	5.4 x 6.4	70	9.1	43171-008-03	
RTFRO 3 x 0,75		0.75	Class 5	1.05	1.61	5.1 x 6.1	5.4 x 6.9	87	11.9	43171-001-08	
RTFRO 3 x 1,0		1.00	Class 5	1.20	1.76	1.76	5.5 x 6.5	6.4 x 7.4	100	13.4	700016674
RTFRO 3 x 1,5		1.50	Class 5	1.50	2.26	2.26	6.6 x 7.6	7.6 x 8.6	134	18.7	43171-006-02
RTFRO 4 x 0,5	4	0.50	Class 5	0.88	1.44	4.8 x 5.8	5.6 x 6.6	72	8.2	43171-008-04	
RTFRO 4 x 0,75		0.75	Class 5	1.05	1.61	5.6 x 6.6	6.4 x 7.4	102	10.8	43171-001-09	
RTFRO 4 x 1,0		1.00	Class 5	1.20	1.76	1.76	5.9 x 6.5	6.8 x 7.4	110	12.2	700016621
RTFRO 4 x 1,5		1.50	Class 5	1.50	2.26	2.26	7.0 x 8.0	8.0 x 9.0	157	17.0	43171-006-03
RTFRO 5 x 0,75	5	0.75	Class 5	1.05	1.61	6.1 x 7.1	7.1 x 8.1	120	10.1	43171-001-10	
RTFRO 5 x 1,5		1.50	Class 5	1.50	2.26	2.26	8.0 x 9.0	9.1 x 10.1	192	15.9	43171-006-04
RTFRO 7 x 0,75	7	0.75	Class 5	1.05	1.61	6.7 x 7.7	7.7 x 8.7	143	8.7	43171-001-11	
RTFRO 7 x 1,5		1.50	Class 5	1.50	2.26	2.26	8.7 x 9.7	9.8 x 10.8	215	13.8	43171-006-05
RTFRO 8 x 0,5	8	0.50	Class 5	0.88	1.44	6.9 x 7.8	7.9 x 8.8	150	6.1	43171-008-06	
RTFRO 8 x 0,75		0.75	Class 5	1.05	1.61	1.61	7.2 x 8.2	8.2 x 9.2	164	8.3	43171-001-12
RTFRO 9 x 0,5	9	0.50	Class 5	0.88	1.44	7.5 x 8.4	8.5 x 9.4	145	6.0	43171-008-12	
RTFRO 10 x 1,5	10	1.50	Class 5	1.50	2.26	11.2 x 12.2	12.4 x 13.4	318	12.5	43171-006-06	
RTFRO 12 x 0,5	12	0.50	Class 5	0.88	1.44	TBC	8.4 x 9.0	TBC	5.4	TBC	
RTFRO 12 x 0,75		0.75	Class 5	1.05	1.61	1.61	8.6 x 9.6	9.7 x 10.7	216	7.4	43171-001-13
RTFRO 12 x 1,5		1.50	Class 5	1.50	2.26	2.26	11.5 x 12.5	12.7 x 13.7	345	11.7	700031718

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* Notes: Cable is un-round due to drain wire: Dimensions stated as A x B where A is the diameter over the normal shape of the cable and B is the diameter over the drain wire.
Core current rating applies to a single cable hanging in free air. Additional de-rating required for ambient temperature, multiple cables and/or method of installation.

Identification

Colours		
Part	Colour	Notes / Printing
Cores	Various	See individual drawings for details
Outer sheath	Black	HABIA CABLE Factory RTFRO ## x ### Voltage Batchcode YYWW IEC 60332-1 IEC 60332-3-24

Characteristics & key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	DNV GL approval	BV approval	ABS approval	Flame retardant to IEC 60332-3-25	Oil & fuel resistant	Test voltage 1.5 kV AC
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Data indicates nominal values in millimetres (mm) unless otherwise stated.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice.

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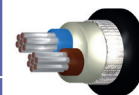
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		Size mm ²	Stranding	TPC Nom Ø	ETFE Nom Ø	TPC braid Nom Ø *				ETFE + ripcord Nom Ø *
RTFRO 14 x 0,75	14	0.75	Class 5	1.05	1.61	8.9 x 9.9	10.0 x 11.0	229	6.9	700031714
RTFRO 19 x 0,75	19	0.75	Class 5	1.05	1.61	9.9 x 10.9	11.3 x 12.3	293	6.5	700031715
RTFRO 20 x 0,75	20	0.75	Class 5	1.05	1.61	10.6 x 11.6	12.0 x 13.0	320	6.4	43171-010-05
RTFRO 25 x 0,75	25	0.75	Class 5	1.05	1.61	11.8 x 12.4	13.2 x 13.8	370	5.7	43171-010-04
RTFRO 27 x 0,75	27	0.75	Class 5	1.05	1.61	11.8 x 12.4	13.2 x 13.8	380	5.5	700031716
RTFRO 40 x 0,75	40	0.75	Class 5	1.05	1.61	15.4 x 16.1	17.0 x 17.7	570	4.8	700004558
RTFRO 50 x 0,75	50	0.75	Class 5	1.05	1.61	15.4 x 16.4	16.8 x 17.8	673	4.7	700031717



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