

H07RN-F cordage

Heavy duty flexible neoprene European cordage with <HAR> approval



<HAR> H07RN-F

H07RN-F is a neoprene cordage that meets <HAR> H07RN-F approval. It has an international color code and a jacket which is resistant to oil, chemicals, and abrasion.

Recommended applications

Power cordage for European machinery; portable tools; data processing; control systems; commercial appliances; MRO replacement for European machinery

Approvals



Cable attributes		page 648	
OIL	OR-01	FLAME	FR-01
MOTION	FL-01	MECH.	MP-02

Construction

Conductors: finely stranded bare copper

Insulation: rubber

Jacket: neoprene; black

Application advantage

- Oil-, chemical-, and abrasion-resistant jacket
- Ideal for high-stress applications in dry and damp environments
- MRO replacement for European machinery
- UV-resistant jacket for outdoor use

Complete the installation

SKINTOP® strain relief
page 492

EPIC® pin & sleeve
page 465

Technical data

Minimum bend radius:	8 x cable diameter	Conductor stranding:	Class 5 fine wire
Temperature range:	-25°C to +60°C	Color code:	VDE 0293-308: chart 6, page 681
Nominal voltage:	450/750V	Approvals:	<HAR> H07RN-F CE & RoHS
Test voltage:	2500V		

Part number	Number of conductors incl. ground	Nominal outer diameter		Copper weight	Approx. weight
		in	mm	lbs/mft	lbs/mft
18 AWG (1 mm²)					
1600117	3	0.327 - 0.421	8.3 - 10.7	20	87
16 AWG (1.5 mm²)					
1600103	3	0.362 - 0.469	9.2 - 11.9	29	111
16001233	4	0.402 - 0.516	10.2 - 13.1	39	134
16001043	5	0.441 - 0.567	11.2 - 14.4	49	161
14 AWG (2.5 mm²)					
1600118	3	0.429 - 0.551	10.9 - 14.0	49	158
16001053	4	0.476 - 0.610	12.1 - 15.5	65	195
16001293	5	0.524 - 0.669	13.3 - 17.0	81	198
12 AWG (4 mm²)					
1600119	3	0.500 - 0.638	12.7 - 16.2	77	215
16001063	4	0.551 - 0.705	14.0 - 17.9	104	265
16001303	5	0.614 - 0.783	15.6 - 19.9	130	326
10 AWG (6 mm²)					
1600120	3	0.555 - 0.709	14.1 - 18.0	117	242
16001073	4	0.618 - 0.787	15.7 - 20.0	155	319
16001313	5	0.689 - 0.874	17.5 - 22.2	194	511

Part number	Number of conductors incl. ground	Nominal outer diameter		Copper weight	Approx. weight
		in	mm	lbs/mft	lbs/mft
8 AWG (10 mm²)					
1600121	3	0.752 - 0.953	19.1 - 24.2	194	591
16001083	4	0.823 - 1.043	20.9 - 26.5	259	712
16001093	5	0.902 - 1.146	22.9 - 29.1	323	874
6 AWG (16 mm²)					
16001103	4	0.937 - 1.185	23.8 - 30.1	413	904
16001113	5	1.039 - 1.311	26.4 - 33.3	517	1129
4 AWG (25 mm²)					
16001123	4	1.138 - 1.441	28.9 - 36.6	646	1341
16001133	5	1.260 - 1.591	32.0 - 40.4	807	1660
2 AWG (35 mm²)					
16001143	4	1.280 - 1.618	32.5 - 41.1	904	1777
1 AWG (50 mm²)					
16001153	4	1.484 - 1.870	37.7 - 47.5	1291	2443
2/0 AWG (70 mm²)					
16001163	4	1.681 - 2.126	42.7 - 54.0	1807	3246
3/0 AWG (95 mm²)					
16001283	4	1.906 - 2.402	48.4 - 61.0	2452	4247

If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.