

H07RN-F Cordage

Heavy Duty, Neoprene Flexible European Cordage; <HAR>



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.

Construction

Conductors: Finely stranded bare copper

Insulation: Rubber

Jacket: Neoprene; black

Recommended Applications

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

Approvals



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

Cable Attributes		page 640	
OIL	OR-01	FLAME	FR-01
MOTION	FL-01	MECH.	MP-02

Complete the Installation	
SKINTOP® Strain Relief page 488	EPIC® Pin & Sleeve page 449

Technical Data

Minimum Bend Radius:	10 x cable diameter	Conductor Stranding:	Class 5 fine wire
Temperature Range:	-25°C to +60°C	Color Code:	VDE 0293-308: Chart 6, page 673
Nominal Voltage:	450/750V	Approvals:	<HAR> H07RN-F CE & RoHS
Test Voltage:	2500V		

Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)
18 AWG (1.00 mm²)					8 AWG (10 mm²)				
1600117	3	0.327 - 0.421	20	87	1600121	3	0.752 - 0.953	194	591
16 AWG (1.50 mm²)					6 AWG (16 mm²)				
1600103	3	0.362 - 0.469	29	111	16001083	4	0.823 - 1.043	259	712
16001233	4	0.402 - 0.516	39	134	16001093	5	0.902 - 1.146	323	874
16001043	5	0.441 - 0.567	49	161	4 AWG (25 mm²)				
14 AWG (2.50 mm²)					2 AWG (35 mm²)				
1600118	3	0.429 - 0.551	49	158	16001103	4	0.937 - 1.185	413	904
16001053	4	0.476 - 0.610	65	195	16001113	5	1.039 - 1.311	517	1129
16001293	5	0.524 - 0.669	81	198	1 AWG (50 mm²)				
12 AWG (4 mm²)					2/0 AWG (70 mm²)				
1600119	3	0.500 - 0.638	77	215	16001123	4	1.138 - 1.441	646	1341
16001063	4	0.551 - 0.705	104	265	16001133	5	1.260 - 1.591	807	1660
16001303	5	0.614 - 0.783	130	326	1 AWG (50 mm²)				
10 AWG (6 mm²)					3/0 AWG (95 mm²)				
1600120	3	0.555 - 0.709	117	242	16001143	4	1.280 - 1.618	904	1777
16001073	4	0.618 - 0.787	155	319	16001153	4	1.484 - 1.870	1291	2443
16001313	5	0.689 - 0.874	194	511	16001163	4	1.681 - 2.126	1807	3246
					16001283	4	1.906 - 2.402	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. For current information go to our website.