

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.

Recommended Applications

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

Approvals



Construction

Conductors: Finely stranded bare copper

Insulation: Rubber

Jacket: Neoprene

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, outdoor use

Cable Attributes, see page 659

	OR-01		FR-01		FL-01		MP-02
OIL		FLAME		MOTION		MECHANICAL	

Similar Cables

- ÖLFLEX® POWER QUAD II
- ÖLFLEX® POWER IX

Complete the Installation

	SKINTOP® Strain Relief: page 502		EPIC® Pin & Sleeve: page 461
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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 696
	Nominal Voltage:	450/750V		Approvals:	<HAR> H07RN-F CE & RoHS
	Test Voltage:	2500V			

Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (inches)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (inches)	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)					16001083	4	0.823 - 1.043	259	712
1600103	3	0.362 - 0.469	29	111	16001093	5	0.902 - 1.146	323	874
16001233	4	0.402 - 0.516	39	134	6 AWG (16 mm²)				
16001043	5	0.441 - 0.567	49	161	16001103	4	0.937 - 1.185	413	904
14 AWG (2.50 mm²)					16001113	5	1.039 - 1.311	517	1129
1600118	3	0.429 - 0.551	49	158	4 AWG (25 mm²)				
16001053	4	0.476 - 0.610	65	195	16001123	4	1.138 - 1.441	646	1341
16001293	5	0.524 - 0.669	81	198	16001133	5	1.260 - 1.591	807	1660
12 AWG (4 mm²)					2 AWG (35 mm²)				
1600119	3	0.500 - 0.638	77	215	16001143	4	1.280 - 1.618	904	1777
16001063	4	0.551 - 0.705	104	265	1 AWG (50 mm²)				
16001303	5	0.614 - 0.783	130	326	16001153	4	1.484 - 1.870	1291	2443
10 AWG (6 mm²)					2/0 AWG (70 mm²)				
1600120	3	0.555 - 0.709	117	242	16001163	4	1.681 - 2.126	1807	3246
16001073	4	0.618 - 0.787	155	319	3/0 AWG (95 mm²)				
16001313	5	0.689 - 0.874	194	511	16001283	4	1.906 - 2.402	2452	4247

Photographs are not to scale and are not true representations of the products in question.

For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.