

# H07RN-F Cordage

## Heavy Duty Neoprene Jacketed

## Harmonized European Flexible Cordage



H07RN-F cordage is a flexible rubber insulated; neoprene jacketed harmonized cord recommended for equipment, which is a subject to high stress in both dry and damp environments, as well as outdoors. For use with

electronics and electrical equipment such as industrial appliances and tools manufactured for export to European countries or for MRO replacement of European made equipment.

### H07RN-F Construction:

Finely stranded bare copper conductors; rubber insulation; dry lubricant; neoprene jacket.



Harmonized Cord Sets with IEC60309 EPIC® Pin & Sleeve Connectors, see Page 641

#### Options include:

- Plug & pigtail
- Connector & pigtail
- Plug & Connector



- Spiral construction available upon request, see Page 197.

Cable Attributes							
	OR-01		FR-01		FL-01		MP-01

### Technical Data:

	Minimum Bend Radius for flexible use:	15 x cable diameter		Color Code:	VDE 0293-308, Chart 6, Page 674
	Temperature Range:	-25°C to +60°C		Conductor Stranding:	Fine Wire
	Nominal Voltage:	450/750V		Approvals:	HAR
	Test Voltage:	2500V	Conforms to CE Low Voltage Directive		

Part Number	Number of Conductors	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft	kg/km	Part Number	Number of Conductors	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft	kg/km
18 AWG (32/32)	1.00 mm <sup>2</sup>					8 AWG (80/26)	10 mm <sup>2</sup>				
1600117	3	.338 - .452	8.6 - 11.5	88	130	1600121	3	.787 - 1.004	20.0 - 25.5	595	880
16 AWG (30/30)	1.50 mm <sup>2</sup>					16001083*	4	.846 - 1.102	21.5 - 28.0	712	1060
1600103	3	.375 - .492	9.6 - 12.5	111	165	16001093*	5	.944 - 1.200	24.0 - 30.5	880	1300
16001233*	4	.413 - .531	10.5 - 13.5	135	200	6 AWG (126/26)	16 mm <sup>2</sup>				
16001043*	5	.452 - .590	11.5 - 15.0	162	240	1600122	3	.866 - 1.161	22.5 - 29.5	737	1090
14 AWG (50/30)	2.50 mm <sup>2</sup>					16001103*	4	.964 - 1.259	24.5 - 32.0	910	1345
1600118	3	.452 - .571	11.5 - 14.5	159	235	16001113*	5	1.063 - 1.397	27.0 - 35.5	1137	1680
16001053*	4	.492 - .610	12.5 - 15.5	196	290	4 AWG (196/26)	25 mm <sup>2</sup>				
16001293*	5	.531 - .669	13.5 - 17.0	230	347	16001123*	4	1.161 - 1.476	29.5 - 37.5	1350	1995
12 AWG (56/28)	4 mm <sup>2</sup>					16001133*	5	1.279 - 1.633	32.5 - 41.5	1672	2470
1600119	3	.512 - .630	13.0 - 16.0	216	320	2 AWG (296/26)	35 mm <sup>2</sup>				
16001063*	4	.571 - .708	14.5 - 18.0	267	395	16001143*	4	1.299 - 1.653	33.0 - 42.0	1790	2645
16001303*	5	.629 - .767	16.0 - 19.5	328	485	1 AWG (396/26)	50 mm <sup>2</sup>				
10 AWG (84/28)	6 mm <sup>2</sup>					16001153*	4	1.496 - 1.909	38.0 - 48.5	2460	3635
1600120	3	.571 - .787	14.5 - 20.0	335	495	2/0 AWG (360/24)	70 mm <sup>2</sup>				
16001073*	4	.649 - .866	16.5 - 22.0	412	610	16001163*	4	1.692 - 2.145	43.0 - 54.5	3269	4830
16001313*	5	.708 - .964	18.0 - 24.5	514	760	3/0 AWG (475/24)	95 mm <sup>2</sup>				
						16001283*	4	1.929 - 2.381	49.0 - 60.5	4278	6320

\* New part numbers due to VDE 0293 color code change, see Chart 6 (Page 674), for more information.