

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