

H07RN-F Cordage

Heavy Duty, Neoprene Jacketed, Harmonized European Flexible Cordage



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

Recommended Applications:

Power cordage for European machinery, Portable tools, Data processing, control systems, Commercial appliances, and MRO replacement for European machinery

Application Advantage:

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

H07RN-F Cordage Construction:

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



Cable Attributes, See Page 653



Oil Resistance:
OR-01



Flame
Resistance:
FR-01



Motion Type:
FL-01



Mechanical
Properties:
MP-01

Availability:



Standard put-ups are
164ft, 328ft, 1640ft,
and 3280ft. Bulk
reels can be cut to
length.

Complete the installation with:



SKINTOP®
Strain Relief:
Page 486



EPIC®
Connectors:
Page 251



OLFLEX®
Tubing:
Page 546



<HAR>
Cordsets:
Page 640

Technical Data:



Minimum Bend Radius
for flexible use:

10 x cable diameter



Color Code:

VDE 0293-308, Chart 6, Page 673



Temperature Range:

-25°C to +60°C



Conductor Stranding:

Fine Wire in acc. with VDE 0295
Cl.5 IEC 60228 Cl.5



Nominal Voltage:

450/750V



Approvals:

<HAR> H07RN-F



Test Voltage:

2500V

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km
18 AWG / 1.00 mm ²						8 AWG / 10 mm ²					
1600117	3	.327 - .421	19	88	130	1600121	3	.752 - .953	194	595	880
16 AWG / 1.50 mm ²						16001083	4	.823 - 1.043	258	712	1060
1600103	3	.362 - .469	29	111	165	16001093	5	.902 - 1.146	323	880	1300
16001233	4	.402 - .516	39	135	200	6 AWG / 25 mm ²					
16001043	5	.441 - .567	48	162	240	1600122	3	.858 - 1.087	310	737	1090
14 AWG / 2.50 mm ²						16001103	4	.937 - 1.185	413	910	1345
1600118	3	.429 - .551	48	159	235	16001113	5	1.185 - 1.311	516	1137	1680
16001053	4	.476 - .610	65	196	290	4 AWG / 25 mm ²					
16001293	5	.524 - .669	81	232	345	16001123	4	1.138 - 1.441	645	1350	1995
12 AWG / 4 mm ²						16001133	5	1.260 - 1.591	806	1672	2470
1600119	3	.500 - .638	77	216	320	2 AWG / 35 mm ²					
16001063	4	.551 - .705	103	267	395	16001143	4	1.280 - 1.618	903	1790	2645
16001303	5	.614 - .783	129	328	485	1 AWG / 50 mm ²					
10 AWG / 6 mm ²						16001153	4	1.484 - 1.870	1290	2460	3635
1600120	3	.555 - .709	116	335	495	2/0 AWG / 70 mm ²					
16001073	4	.618 - .787	155	412	610	16001163	4	1.681 - 2.126	1806	3269	4830
16001313	5	.689 - .874	194	514	760	3/0 AWG / 95 mm ²					
						16001283	4	1.906 - 2.402	2451	4278	6320