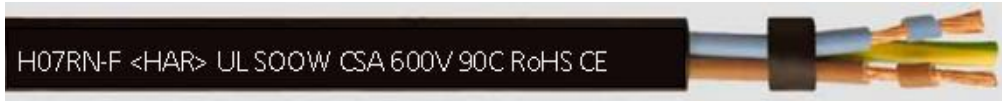




H07RN-F / SOOW



H07RN-F/SOOW is a harmonized, UL/CSA approved, heavy-duty, flexible, black neoprene jacketed, multi-conductor European and domestic cord. Recommended for use in electrical equipment under medium mechanical stress in a dry or damp indoor or outdoor environment. Commonly used on equipment in industry works such as boilers, heating plates, hand lamps, electric tools (drills and circular saws), in homework tools and transportable motors or machines at site. Also suitable for installations exposed to oils, solvents, flame, moisture, and other electrical equipment. **H07RN-F/SOOW** is MSHA approved and suitable for shallow water immersion. Sun and water resistant.



Construction:

- Extra fine bare copper strands
- Strands to VDE-0295 as listed below
- Color code VDE-0293-308 & HD 186
- Paper tape or talc separator
- Polychloroprene rubber (neoprene) jacket
- UV, heat, cold and flame resistant
- Weather resistant

Technical:

- Working voltage UL/CSA: 600 volts
- Working voltage HAR: 450/750 volts
- Test voltage: 2500 volts
- Flexing bending radius: 10.0 x Ø
- Fixed bending radius: 7.5 x Ø
- Flexing Temp UL: -40° C to +90° C
- Flexing Temp HAR: -25° C to +60° C
- Flame retardant: IEC 60332.1
- Flame test: VW-1, FT-2, MSHA

Approvals:

- <HAR> HD22.145
- VDE-0282 Part-4
- UL: 62-Listed SOOW
- CSA: Certified SOOW
- MSHA Approved
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
18 AWG (32/32) 1,00mm²				
4151803	3	0.377" / 9.6mm	19	88
16 AWG (30/30) 1,50mm²				
4151603	3	0.401" / 10.2mm	29	111
4151604	4	0.452" / 11.4mm	39	135
4151605	5	0.515" / 13.1mm	48	162
14 AWG (50/30) 2,50mm²				
4151403	3	0.551" / 14.0mm	48	159
4151404	4	0.594" / 15.1mm	65	196
4151405	5	0.665" / 16.9mm	81	230
12 AWG (56/28) 4,00mm²				
4151203	3	0.623" / 15.7mm	77	216
4151204	4	0.669" / 17.0mm	103	263
4151205	5	0.736" / 18.7mm	129	328
10 AWG (84/28) 6,00mm²				
4151003	3	0.673" / 17.1mm	116	335
4151004	4	0.716" / 18.2mm	155	412
4151005	5	0.791" / 20.1mm	194	514
8 AWG (80/26) 10,0mm²				
4150803	3	0.901" / 22.9mm	194	595
4150804	4	0.984" / 25.0mm	258	712

* Can be a substitute for either the standard H07RN-F or SOOW.

** Additional sizes may be available.

Harmonized Cordage

