



HO7RNF Cable

Applications:	Heavy duty trailing rubber flexible cable used to power electrical appliances and building sites. Resistant sheath means it can be used in refrigerating installations. Suitable for use in medium mechanical stress industrial workshop appliances, electrical tools, drills etc.
Conductors:	Plain annealed flexible copper
Insulation:	EPR (Ethylene propylene rubber)
Core identification:	single core: black 2 core: Blue & brown 3 core: Blue, brown & green/yellow 4 core: Black, brown, grey & green/yellow 5 core: Black, blue, brown, grey & green/yellow 7 cores and above are numbered
Sheath/Jacket:	PCP (Polychloroprene) more commonly referred to as OFR (Oil resistant & flame retardant)
Colour:	Black
Voltage:	450/750v
Operating temperature:	Maximum 60°C, Minimum bending -30°C
Minimum bending radius:	6 x overall diameter for cables not exceeding 25mm O/D 8 x overall diameter for cables exceeding 25mm O/D
Standards:	BS6500: electrical cables for use with appliances and equipment intended for domestic, office and similar environments BS7919: Electric cables. Flexible cables rated up to 450/750V for use with appliances and equipment intended for industrial and similar environments Class 5 CPR Fire Class ECA



Size sq.mm	Number of cores	RT of insulation mm	Nom diameter over laid up cores mm	Nom overall diameter mm	Weight kg/km	BATT Part no
1.5	1	-	-	-	-	22443
4	1	1.0	4.7	7.8	115	22238
6	1	1.0	5.7	9.0	142	22257
10	1	1.2	7.1	10.8	219	22266
16	1	1.2	8.2	12.1	265	22099
25	1	1.4	10.0	14.1	381	22050
35	1	1.4	11.4	15.9	496	22102
50	1	1.6	13.6	18.5	684	22027
70	1	1.6	15.7	21.0	921	22029
95	1	1.8	18.2	23.9	1184	22067
120	1	1.8	19.7	25.8	1468	22031
150	1	2.0	22.1	28.6	1814	22082
185	1	2.2	24.5	31.5	2170	22083
240	1	2.4	27.9	35.1	2771	22084
300	1	2.6	31.2	38.7	3363	22085
400	1	2.8	35.7	43.5	4505	22462
500	1	3.0	39.6	47.8	5551	22509
630	1	3.0	43.1	51.5	7650	-
1.0	2	0.8	5.9	8.6	91	22010
1.5	2	0.8	6.5	9.6	112	22409
2.5	2	0.9	7.7	11.2	163	22009
4	2	1.0	9.5	13.2	223	22151
6	2	1.0	11.5	15.6	292	22260
10	2	1.2	14.3	20.6	527	22277
16	2	1.2	16.5	23.3	703	22278
25	2	1.4	20.1	27.4	1400	22286

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Size sq.mm	Number of cores	RT of insulation mm	Nom diameter over laid up cores mm	Nom overall diameter mm	Weight kg/km	BATT Part no
1.0	3	0.8	6.4	9.3	109	22048
1.5	3	0.8	7.0	10.3	140	22056
2.5	3	0.9	8.3	12.0	199	22028
4	3	1.0	10.2	14.1	273	22008
6	3	1.0	12.3	16.6	361	22208
10	3	1.2	15.4	22.1	656	22015
16	3	1.2	17.7	24.8	903	22214
25	3	1.4	21.6	29.3	1318	22081
35	3	1.4	24.6	32.9	1745	22068
50	3	1.6	29.4	38.5	2404	22078
70	3	1.6	33.9	43.6	3208	22080
95	3	1.8	39.3	50.0	4166	-
120	3	1.8	42.5	53.9	6700	-
150	3	2.0	47.7	59.9	8000	-
185	3	2.2	52.9	65.9	9700	-
240	3	2.4	60.3	74.7	12400	-
300	3	2.6	67.6	83.2	15300	-
1.0	4	0.8	7.2	10.3	139	22294
1.5	4	0.8	7.8	11.4	173	22123
2.5	4	0.9	9.3	13.2	246	22319
4	4	1.0	11.4	15.5	339	22127
6	4	1.0	13.8	18.5	452	22131
10	4	1.2	17.2	24.1	814	22137
16	4	1.2	19.8	27.1	1138	22400
25	4	1.4	24.2	32.5	1684	22344
35	4	1.4	27.6	36.5	2191	22304
50	4	1.6	32.9	42.6	3033	22347
70	4	1.6	38.0	48.6	4095	22402
95	4	1.8	44.0	46.0	5315	22326
120	4	1.8	47.7	59.9	6519	22073
150	4	2.0	53.6	66.8	8108	22301
185	4	2.2	59.3	73.5	9772	22309
240	4	2.4	67.6	83.2	12557	22404
300	4	2.6	75.8	92.8	19600	-
1.5	5	0.8	8.8	12.5	214	22331
2.5	5	0.9	10.4	14.5	310	22341
4	5	1.0	12.7	17.2	424	22145
6	5	1.0	15.4	20.5	581	22308
10	5	1.2	19.2	26.5	1002	22389
16	5	1.2	22.2	30.1	1408	22403
25	5	1.4	27.1	36.1	2091	22171
35	5	1.4	30.9	40.5	2629	22377
50	5	1.6	36.9	47.3	3665	22399
70	5	-	-	-	4933	22416
95	5	-	-	-	6264	22378
1.5	7	-	-	-	216	22378
2.5	7	0.9	12.9	18.9	305	22037
4	7	1.0	15.8	21.6	618	22240
6	7	1.0	19.1	25.7	1090	-
10	7	1.2	23.8	31.6	1710	-
16	7	1.2	27.5	35.7	2330	-
25	7	1.4	33.6	43.2	3560	-
1.5	8	0.8	11.9	17.7	385	-
2.5	8	0.9	14.1	20.3	560	-
4.0	8	1.0	17.3	23.5	900	-
25	9	-	-	-	-	22074
1.5	12	0.8	13.5	19.5	485	22057
2.5	12	0.9	16.0	22.5	689	22013
4.0	12	1.0	19.6	26.2	1180	-



Size sq.mm	Number of cores	RT of insulation mm	Nom diameter over laid up cores mm	Nom overall diameter mm	Weight kg/km	BATT Part no
1.5	18	0.8	16.3	23.0	700	-
2.5	18	0.9	19.3	26.6	1020	-
4.0	18	1.0	23.6	31.0	1690	-
1.5	19	-	-	-	697	22350
2.5	19	-	-	-	1008	22353
1.5	21	0.8	18.4	25.5	885	-
2.5	21	0.9	21.8	29.7	1290	-
1.5	27	0.8	20.0	27.5	1090	22211
2.5	27	0.9	23.7	32.1	1590	22077
1.5	37	0.8	22.7	31.0	1300	-
2.5	37	0.9	27.2	38.7	2320	-
1.5	42	0.8	26.0	34.8	1660	-
2.5	42	0.9	30.8	40.6	2430	-