



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



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	302	22099
25	1	1.4	10.0	14.1	436	22050
35	1	1.4	11.4	158.9	567	22102
50	1	1.6	13.6	18.5	790	22027
70	1	1.6	15.7	21.0	1050	22029
95	1	1.8	18.2	23.9	1350	22067
120	1	1.8	19.7	25.8	1650	22031
150	1	2.0	22.1	28.6	2050	22082
185	1	2.2	24.5	31.5	2450	22083
240	1	2.4	27.9	35.1	3200	22084
300	1	2.6	31.2	38.7	3900	22085
400	1	2.8	35.7	43.5	5000	22462
500	1	3.0	39.6	47.8	6200	-
630	1	3.0	43.1	51.5	7650	-
1.0	2	0.8	5.9	8.6	95	22010
1.5	2	0.8	6.5	9.6	115	22409
2.5	2	0.9	7.7	11.2	140	22009
4	2	1.0	9.5	13.2	302	22151
6	2	1.0	11.5	15.6	400	22260
10	2	1.2	14.3	20.6	750	22277
16	2	1.2	16.5	23.3	990	22278
25	2	1.4	20.1	27.4	1400	22286

www.batt.co.uk

battindustrial.sales@batt.co.uk



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	115	22048
1.5	3	0.8	7.0	10.3	140	22056
2.5	3	0.9	8.3	12.0	200	22028
4	3	1.0	10.2	14.1	360	22008
6	3	1.0	12.3	16.6	490	22208
10	3	1.2	15.4	22.1	900	22015
16	3	1.2	17.7	24.8	1200	22214
25	3	1.4	21.6	29.3	1700	22081
35	3	1.4	24.6	32.9	2200	22068
50	3	1.6	29.4	38.5	3100	22078
70	3	1.6	33.9	43.6	4130	22080
95	3	1.8	39.3	50.0	5300	-
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	140	22294
1.5	4	0.8	7.8	11.4	170	22123
2.5	4	0.9	9.3	13.2	245	22319
4	4	1.0	11.4	15.5	460	22127
6	4	1.0	13.8	18.5	610	22131
10	4	1.2	17.2	24.1	1100	22137
16	4	1.2	19.8	27.1	1500	22400
25	4	1.4	24.2	32.5	2310	22344
35	4	1.4	27.6	36.5	2800	22304
50	4	1.6	32.9	42.6	3910	22347
70	4	1.6	38.0	48.6	5200	22402
95	4	1.8	44.0	46.0	6810	22326
120	4	1.8	47.7	59.9	8200	22073
150	4	2.0	53.6	66.8	10200	22301
185	4	2.2	59.3	73.5	12300	22309
240	4	2.4	67.6	83.2	15900	22404
300	4	2.6	75.8	92.8	19600	-
1.5	5	0.8	8.8	12.5	210	22331
2.5	5	0.9	10.4	14.5	305	22341
4	5	1.0	12.7	17.2	560	22145
6	5	1.0	15.4	20.5	750	22308
10	5	1.2	19.2	26.5	1300	22389
16	5	1.2	22.2	30.1	1800	22403
25	5	1.4	27.1	36.1	2600	22171
35	5	1.4	30.9	40.5	3290	22377
50	5	1.6	36.9	47.3	4550	22399
70	5	-	-	-	-	22416
95	5	-	-	-	-	22378
1.5	7	-	-	-	-	22378
2.5	7	0.9	12.9	18.9	475	22037
4	7	1.0	15.8	21.6	770	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	495	22057
2.5	12	0.9	16.0	22.5	710	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	-	-	-	-	22350
2.5	19	-	-	-	-	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	-