



CONSTRUCTION :

Conductor: Flexible Class 5 Tinned Copper to BS6360

Insulation: Ethylene Propylene Rubber (EPR), Type GP1 to BS 7655

Sheath: Chlorosulphonated Polythylene (CSP) Type RS4 to BS 7655 H.O.F.R. Heat and Oil Resistant Flame Retardant

APPLICATION :

Designed primarily as a trailing cable for use in the power, mains supply or extension leads when there is a requirement for heavy duty tough rubber flexible cable.

TECHNICAL DATA :

Voltage: 450/750V

Operating Temperature Range: -20oC to +85oC

Bending Radius: 6 x cable diameter for cables not exceeding 25mm²

8 x cable diameter for cables exceeding 25mm²

RELEVANT STANDARDS :

To BS6007 1975 Table 4.

CORE IDENTIFICATION :

1 Cores: Black

2 Cores: Blue, Br ow

5 Cores: Green/Yellow, Black, Blue, Brown, Black

6 Cores +: White cores with Black numbers.

6381TQ Single Core Type 450/750V EPR/HOFR Trailing Rubber Cable

Core and Size Mm sq	Stranding (Number of Strand/Strand Diameter	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Approx. Weight kg/km
1 X 4.0	56/0.30	1.0	7.8	105
1 X 6.0	84/0.30	1.0	9	130
1 X 10.0	80/0.40	1.2	10.8	200
1 X 16.0	126/0.40	1.2	12.1	275
1 X 25.0	196/0.40	1.4	14.1	400
1 X 35.0	276/0.4	1.4	15.9	520
1 X 50.0	396/0.40	1.6	18.5	730
1 X 70.0	360/0.50	1.6	21	980
1 X 95.0	475/0.50	1.8	23.9	1270
1 X 120.0	608/0.50	1.8	25.8	1570
1 X 150.0	756/0.50	2.0	28.6	1960
1 X 185.0	925/0.50	2.2	31.5	2380

1 X 240.0	1221/0.50	2.4	35.1	3000
1 X 300.0	1525/0.50	2.6	38.7	3700
1 X 400.0	2013/0.50	2.8	43.5	4800
1 X 500.0	1769/0.60	3.0	46.5	6000
1 X 630.0	2257/0.60	3.0	51.5	7400

6382TQ 2 Core Type 450/750V EPR/HOFR Trailing Rubber Cable

Core and Size Mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Approx. Weight kg/km
2 X 1.0	32 / 0.2	0.8	7.3	95
2 X 1.5	30 / 0.25	0.8	8.1	115
2 X 2.5	50 / 0.25	0.9	9.5	140
2 X 4.0	56/0.30	1.0	11.4	302
2 X 6.0	84/0.30	1.0	13.6	400
2 X 10.0	80/0.40	1.2	17.5	750
2 X 16.0	126/0.40	1.2	19.8	990
2 X 25.0	196/0.40	1.4	27.5	1300

6383TQ 3 Core Type 450/750V EPR/HOFR Trailing Rubber Cable

Core and Size Mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Approx. Weight kg/km
3 X 1.0	32 / 0.2	0.8	7.8	115
3 X 1.5	30 / 0.25	0.8	8.6	140
3 X 2.5	50 / 0.25	0.9	10.1	200
3 X 4.0	56/0.30	1.0	15.5	305
3 X 6.0	84/0.30	1.0	17.5	495
3 X 10.0	80/0.40	1.2	22.5	825
3 X 16.0	126/0.40	1.2	26	1100
3 X 25.0	196/0.40	1.4	29.5	1600
3 X 35.0	276/0.4	1.4	34	2080
3 X 50.0	396/0.40	1.6	38.5	2890
3 X 70.0	360/0.50	1.6	43.6	3750
3 X 95.0	475/0.50	1.8	50	4800

3 X 120.0	608/0.50	1.8	53.9	6000
3 X 150.0	756/0.50	2.0	59.9	7200
3 X 185.0	925/0.50	2.2	65.9	9000
3 X 240.0	1221/0.50	2.4	73.5	11450
3 X 300.0	1525/0.50	.	81	14000

6384TQ 4 Core Type 450/750V EPR/HOFR Trailing Rubber Cable

Core and Size Mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Approx. Weight kg/km
4 X 1.0	32 / 0.2	0.8	8.8	140
4 X 1.5	30 / 0.25	0.8	9.6	170
4 X 2.5	50 / 0.25	0.9	11.3	245
4 X 4.0	56/0.30	1.0	15.5	380
4 X 6.0	84/0.30	1.0	17.5	510
4 X 10.0	80/0.40	1.2	23.1	940
4 X 16.0	126/0.40	1.2	28.1	1250
4 X 25.0	196/0.40	1.4	32.5	1850
4 X 35.0	276/0.4	1.4	37	2310
4 X 50.0	396/0.40	1.6	43	3160
4 X 70.0	360/0.50	1.6	48	4250
4 X 95.0	475/0.50	1.8	55	5590
4 X 120.0	608/0.50	1.8	61.2	6790
4 X 150.0	756/0.50	2.0	73	8230
4 X 185.0	925/0.50	2.2	80	9700
4 X 240.0	1221/0.50	2.4	81.5	14700
4 X 300.0	1221/0.50	2.6	84.5	19600

6385TQ 5 Core Type 450/750V EPR/HOFR Trailing Rubber Cable

Core and Size Mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Approx. Weight kg/km
5 X 1.5	30 / 0.25	0.8	10.7	210
5 X 2.5	50 / 0.25	0.9	12.5	305
5 X 4.0	56/0.30	1.0	17.2	470

5 X 6.0	84/0.30	1.0	19.5	630
5 X 10.0	80/0.40	1.2	26	1150
5 X 16.0	126/0.40	1.2	30.5	1540
5 X 25.0	196/0.40	1.4	36	2200
5 X 35.0	276/0.40	1.4	43	2700
5 X 50.0	396/0.40	1.6	45.5	3950

638XTQ Multicore Type 450/750V EPR/HOFR Trailing Rubber Cable

Core and Size Mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Approx. Weight kg/km
7 X 1.5	30 / 0.25	0.8	13.7	335
7 X 2.5	50 / 0.25	0.9	15.7	475
7 X 4.0	56/0.30	1.0	18.7	770
7 X 6.0	84/0.30	1.0	22.4	1090
7 X 10.0	80/0.40	1.2	27.7	1710
7 X 16.0	126/0.40	1.2	31.6	2330
7X 25.0	196/0.40	1.4	38.4	3560
8 X 1.5	30 / 0.25	0.8	14.8	385
8 X 2.5	50 / 0.25	0.9	17.2	560
8 X 4.0	56/0.30	1.0	20.4	900
12 X 1.5	30 / 0.25	0.8	16.5	495
12 X 2.5	50 / 0.25	0.9	19.3	710
12 X 4.0	56/0.30	1.0	22.9	1180
18 X 1.5	30 / 0.25	0.8	19.7	700
18 X 2.5	50 / 0.25	0.9	22.9	1020
18 X 4.0	56/0.30	1.0	27.3	1690
21 X 1.5	30 / 0.25	0.8	21.9	885
21 X 2.5	50 / 0.25	0.9	25.8	1290
27 X 1.5	30 / 0.25	0.8	23.8	1090
27 X 2.5	50 / 0.25	0.9	27.9	1590
37 X 1.5	30 / 0.25	0.8	26.9	1300
37 X 2.5	50 / 0.25	0.9	32.9	2320

42 X 1.5	30 / 0.25	0.8	30.4	1660
42 X 2.5	50 / 0.25	0.9	35.7	2430