T: 01642 241133
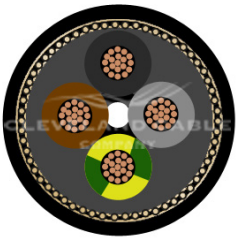**W: www.clevelandcable.com**
E: sales@clevelandcable.com

BRAIDED TOUGH RUBBER SHEATH FLEXIBLE CORDS (HOFR)

APPLICATION

Braided Tough rubber and flexible cord cable is suitable for installing in damp environments. It is designed for temporary building sites as the upper braiding prevents earth leakage and offers mechanical protection. Heat and oil resistant and flame retardant (HOFR). The cable features flexible stranded copper or tinned annealed copper conductors

CABLE STANDARDS

BS6500/75

BS6007/75

Flame Propagation to BS 4066 PT1

Flame Propagation to IEC 332 PT1

CONSTRUCTION

Conductor: Flexible stranded copper or Tinned Annealed Copper Conductors

Insulation: Heavy duty Polychloropene (PCP)

Screen: Tinned Copper Wire Braid

Sheath: Heavy duty Polychloropene (PCP)

Sheath Colour: Black

CHARACTERISTICS

Voltage Rating:
300/500 Volts grade to BS6500/75
450/750 Volts grade to BS6007/75

Temperature Limits: Fixed: -25°C to +60°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION

2 Core: Brown Blue
3 Core: Brown Blue G/Y
4 Core: Brown Black Grey G/Y

Should not be installed at temperatures below 0°C

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BRAIDED TOUGH RUBBER SHEATH FLEXIBLE CORDS - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM²)	STRANDING (MM)	NO. OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE (MM)
3802P1	1	32/0.20	2	170	11.1	20/16
3803P1	1	32/0.20	3	200	11.4	20/16
3804P1	1	32/0.20	4	230	12.1	20/16
3802P1/5	1.5	30/0.25	2	225	12.3	20/16
3803P1/5	1.5	30/0.25	3	270	13.1	20S
3804P1/5	1.5	30/0.25	4	320	14.2	20S
3802P2/5	2.5	50/0.25	2	300	14.8	20S
3803P2/5	2.5	50/0.25	3	350	15.6	20
3804P2/5	2.5	50/0.25	4	420	17	20
3803P4	4	56/0.30	3	715	21.3	25
3804P4	4	56/0.30	4	865	23.6	25

BRAIDED TOUGH RUBBER SHEATH CORDS – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA MM²	REFERENCE METHOD A (IN CONDUIT IN WALL)	REFERENCE METHOD C (CLIPPED DIRECT)	VOLTAGE DROP MV/A/M
1	11	20	44
1.5	14. 5	27	29
2.5	20	31	18
4	26	42	12
6	34	53	7.9

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS