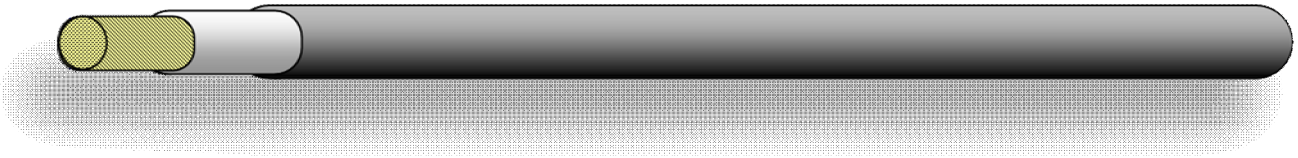
SINGLE CORE FLEX

Highly Flexible, Single Core Rubber Cables



DESCRIPTION:

Rubber insulated cable with UV stabilised neoprene sheathing, resistant to mechanical stresses, oils, chemical corrosion and weathering. For installation in dry, damp or wet environments or explosive Atmospheres, Suitable for up to 3.3kV Applications.

APPLICATIONS:

- Internal Switchboard Cabling
- Electrical Traction Vehicles
- Machine & Equipment Cabling
- Stacker & Reclaimer Cabling
- Submains
- Battery Banks
- Steelworks, cranes & hoists
- DC wiring

CONSTRUCTION:

Outer sheath - Polychloroprene
Inner sheath - EPR Rubber
Tinned copper conductor class 5

Technical Data:

Working Voltage:

Uo/U = 1.8/3kV
Test Voltage: 6kV

Minimum bending radius:

Fixed: 6 x Cable outside diameter
Flexing: 8 x Cable Outside diameter

Temperature Range:

Minimum Fixed: -35°C
Minimum Flexing: -25°C
Maximum Fixed: +90°C
Maximum Flexing: +90°C

Part No.	Number of Cores x Conductor Size mm²	Approx. No of Strands x Max. Strand Diameter mm	Diameter of Bare Conductor mm	Cable Overall Diameter mm	Cable Overall Diameter mm	Cable Weight kg/km	Current rating at 40°C Spaced In air A
H001050HV	1 x 50	400 x 0.40	8.6	14	18	640	220
H001070HV	1 x 70	350 x 0.50	11.2	15.7	20.5	650	280
H001095HV	1 x 95	485 x 0.50	13.2	17.9	24	1110	350
H001120HV	1 x 120	614 x 0.50	14.9	19.6	26	1350	410
H001150HV	1 x 150	765 x 0.50	16.6	21.5	28	1650	470
H001185HV	1 x 185	844 x 0.50	18	23.5	31	2000	550
H001240HV	1 x 240	1225 x 0.50	21.2	26.4	34.5	2600	660
H001300HV	1 x 300	1530 x 0.50	23.6	29.3	36.9	3460	770
H001400HV	1 x400	1995 x 0.50	27.2	32.5	39.5	4332	900

Current rating based on Table 7, AS3008.1.1.1998