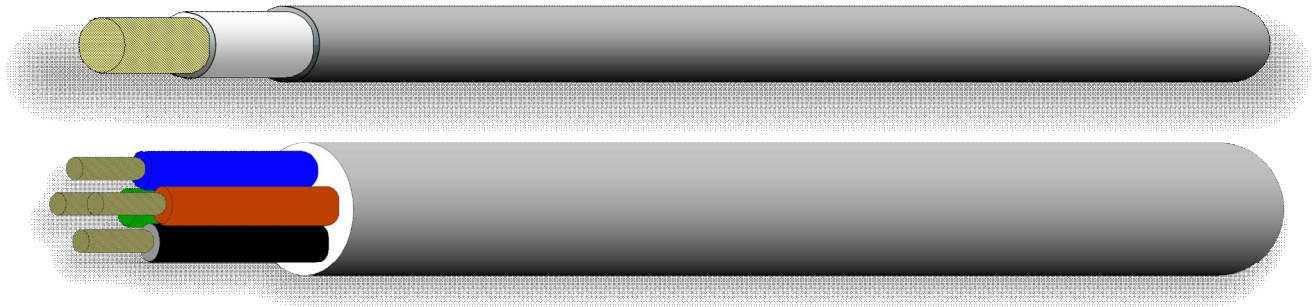


HEAVY DUTY EPR/PCP

Rubber Flexible 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.

APPLICATIONS:

- ~ Heavy Duty construction site leads for drills, pumps, saws, grinders
- ~ Cranes, hoists & festoons
- ~ Stage & Theatre power & lighting
- ~ Hand held drills, grinders & welders
- ~ Portable motors, generators & power supplies
- ~ Submersible
- ~ Solar power equipment
- ~ Agricultural equipment

CONDUCTOR:

Plain Copper Wire

INSULATION:

REP90 INNER: Ethylene Propylene Rubber (EPR) OUTER: Polychloroprene (PCP)

CORE COLOUR:

- 1 Core: Black
- 2 Core: Blue+Brown
- 3 Core: Blue+Brown+Green/Yellow
- 4 Core: Black+Brown+Grey+Green/Yellow
- 5 Core: Blue+Brown+Black+Grey+Green/Yellow (International Standard)
- 5 Core: Black+Blue+Red+White+Green/Yellow (Australian Standard)
- Over 5 Cores: Black cores with white numbering + 1 x Green/Yellow

TECHNICAL DATA:

Working Voltage:

Static/Motor Power Supplies: 0.6/1kV
 Dynamic: 450/750V
 Test Voltage: 2500V

Temperature Range:

Minimum Fixed: -40°C
 Minimum Flexing: -25°C
 Maximum Fixed: +90°C
 Maximum Flexing: +90°C

Minimum Bending Radius:

Fixed: 4 x Cable Outside Diameter
 Flexing: 6 x Cable Outside Diameter

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Part No.	No. Conductors x Cross-section mm ²	Stranding	Diameter in mm		Weight kg/km
			Min	Max	
H001070	1 X 70	356/0.50	19	23.5	1040
H001095	1 X 95	485/0.50	21	26	1320
H001120	1 X 120	614/0.50	24	28.5	1690
H001150	1 X 150	765/0.50	26	31.5	2050
H001185	1 X 185	944/0.50	28	34.5	2510
H001240	1 X 240	1225/0.50	31	38	3120
H001300	1 X 300	1530/0.50	34	41.5	3810
H001400	1 X 400	2035/0.50	40	44.1	4920
H002015	2 X 1.5	30/0.25	9	11	140
H002025	2 X 2.5	50/0.25	11	13.5	200
H002040	2 X 4	56/0.30	12	15	275
H002060	2X6	84/030	14	18.5	365
H003015	3G1.5	30/0.25	9.6	12.5	170
H003025	3G2.5	50/0.25	12	14.5	240
H003040	3G4	56/0.30	13	16	335
H003060	3G6	84/0.30	15	20	445
H003100	3G10	80/0.40	20	25.5	835
H004015	4G1.5	30/0.25	11	13.5	205
H004025	4G2.5	50/0.25	13	15.5	290
H004040	4G4	56/0.30	15	18	420
H004060	4G6	84/0.30	17	22	505
H004100	4G10	80/0.40	22	28	1030
H004160	4G16	128/0.40	25	32	1290
H004250	4G25	200/0.40	30	37.5	1930
H004350	4G35	280/0.40	33	42	2540
H004500	4G50	400/0.40	38	48.5	3580
H004700	4G70	356/0.50	43	54.5	4770
H004950	4G95	485/0.50	49	60.5	6090
H004185	4G185	944/0.50	64	80	10200
H005015	5G1.5	30/0.25	12	15	255
H005025	5G2.5	50/0.25	14	17	360
H005040	5G4	56/0.30	16	19.5	520
H005060	5G6	84/0.30	18	24.5	695
H005100	5G10	80/0.40	24	30.5	1250
H005160	5G16	128/0.40	27	35.5	1590
H005250	5G25	200/0.40	33	41.5	2400
H005350	5G35	280/0.40	36	44	3306
H005500	5G50	400/0.40	43	51	3700
H005700	5G70	356/0.50	52	60	5270
H005950	5G95	485/0.50	55	64	6230
H007015	7G1.5	30/0.25	14	17	369
H007025	7G2.5	50/0.25	17	20	505
H007040	7G4	56/0.30	19	23	660
H012015	12G1.5	30/0.25	19	22	485
H012025	12G2.5	50/0.25	19	26.5	755
H018015	18G1.5	30/0.25	22	25.5	630
H018025	18G2.5	50/0.25	25	31.5	1100
H024015	24G1.5	30/0.25	25	29.5	1200