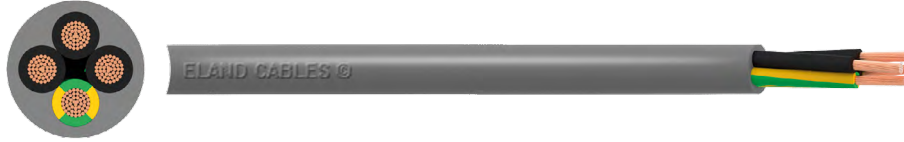


Powerchain PUR Cable

Eland Product Group: **V48**

APPLICATION

Flexible control cable for permanent moved applications under heavy duty conditions. The cable is halogen-free, flame retardant and resistant against most chemicals used in industrial environment.

CONSTRUCTION

Conductor

Class 6 Fine Stranded Bare Copper

Insulation

TPE/PP (Thermoplastic Elastomer / Polypropylene)

Sheath

PUR (Polyurethan)

CABLE STANDARDS

VDE 0482-332-1-2/IEC 60332-1, EN 60811-2-1



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Temperature Range

Fixed: -50°C to +80°C

Installation: -40°C to +80°C

Minimum Bending Radius

Fixed Installation: 4 x overall diameter

Moved Application: 7.5 x overall diameter

Nominal Voltage U₀/U

300/500V

Test Voltage

3kV

Core Identification

● Black numbered + ● Green/Yellow

Sheath Colour

● Grey

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
V4802001GR000	2	0.5	5	36
V4802011GR000	2	0.75	5.4	57
V4802021GR000	2	1	5.8	65
V4802031GR000	2	1.5	6.8	65
V4802041GR000	2	2.5	7.8	115
V4803001GR000	3	0.5	5.2	57
V4803011GR000	3	0.75	5.7	73
V4803021GR000	3	1	6.1	84
V4803031GR000	3	1.5	7.2	110
V4803041GR000	3	2.5	8.2	143
V4804001GR000	4	0.5	5.7	56
V4804011GR000	4	0.75	6.3	95
V4804021GR000	4	1	6.8	111
V4804031GR000	4	1.5	8	134
V4804041GR000	4	2.5	8.9	174
V4804051GR000	4	4	11.6	257
V4804061GR000	4	6	13.6	322
V4804071GR000	4	10	17.6	585
V4804081GR000	4	16	21.2	1006
V4805011GR000	5	0.75	7.1	76
V4805021GR000	5	1	7.4	138
V4805031GR000	5	1.5	8.7	168
V4805041GR000	5	2.5	10	198
V4805051GR000	5	4	12.9	337
V4805061GR000	5	6	15.2	509
V4805071GR000	5	10	19.5	817
V4805081GR000	5	16	23.6	1172
V4807001GR000	7	0.5	7.4	79
V4807011GR000	7	0.75	8.3	106
V4807021GR000	7	1	8.9	182
V4807031GR000	7	1.5	10.5	232
V4807041GR000	7	2.5	13.8	266
V4807051GR000	7	4	15.6	479
V4807061GR000	7	6	18.3	693
V4807071GR000	7	10	23.7	1054
V4807081GR000	7	16	28.6	1709
V4810001GR000	12	0.5	9	176
V4810011GR000	12	0.75	10.1	248
V4810021GR000	12	1	10.7	261
V4810031GR000	12	1.5	12.8	305
V4810041GR000	12	2.5	14.6	421
V4814001GR000	18	0.5	10.4	186
V4814011GR000	18	0.75	11.6	252
V4814021GR000	18	1	12.8	390
V4814031GR000	18	1.5	15.2	507
V4818001GR000	25	0.5	12.7	196
V4818011GR000	25	0.75	14.1	351
V4818021GR000	25	1	15.5	445
V4818031GR000	25	1.5	18.2	647