



# Control PUR-JZ Screened Cable



Eland Product Group: V41

## APPLICATION

These Screened Polyurethane cables are highly resistant against wear and tear. The oil and coolant resistance allows application in industrial environments, machine building, engineering or steel works. This cable is suitable for medium mechanical stress without tension load and forced guiding.

## CHARACTERISTICS

**Voltage Rating** U<sub>o</sub>/U  
300/500V

**Temperature Rating**  
Fixed: -40°C to +80°C  
Installation: -5°C to +80°C

**Minimum Bending Radius**  
Fixed: 5 x overall diameter  
Flexed: 10 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 5 flexible stranded bare copper

**Insulation**  
PVC Compound (Polyvinyl Chloride)

**Screen**  
TCWB (Tinned Copper Wire Braid)

**Outer Sheath**  
PUR (Polyurethane)

**Core Identification**  
● Black numbered + ● Green/Yellow

**Sheath Colour**  
● Grey

## STANDARDS

IEC/EN 60811-404

Fire Retardant according to IEC/EN 60332-1

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/85/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V4102021GY000	2	1	6.1	66
V4102031GY000	2	1.5	7.1	92
V4103021GY000	3	1	6.3	82
V4103031GY000	3	1.5	6.9	135
V4103041GY000	3	2.5	8.6	178
V4104021GY000	4	1	6.9	129
V4104031GY000	4	1.5	7.5	146
V4104041GY000	4	2.5	9.9	215
V4104051GY000	4	4	11.7	308
V4104061GY000	4	6	14.2	427
V4105021GY000	5	1	7.5	128
V4105031GY000	5	1.5	8.4	159
V4105041GY000	5	2.5	11	246
V4105051GY000	5	4	13.3	386
V4105061GY000	5	6	15.2	510
V4107021GY000	7	1	8.9	174
V4107031GY000	7	1.5	10	207
V4107041GY000	7	2.5	12.6	342
V4110021GY000	12	1	10.9	262
V4110031GY000	12	1.5	12.1	352
V4110041GY000	12	2.5	15.5	580
V4114021GY000	18	1	13.9	388
V4114031GY000	18	1.5	15.6	516
V4114041GY000	18	2.5	19	978
V4116021GY000	21	1	13.6	480
V4118021GY000	25	1	15.9	596
V4118031GY000	25	1.5	17.9	719
V4118041GY000	25	2.5	22.2	1358

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.