# Mining Flexible Rubber Trailing Cable (1.9/3.3 – 3.6/6 kV)

Heavy-duty trailing cable for coal shearers, roadheaders and continuous miners, engineered for continuous dragging and reeling at the working face, built to AS/NZS 1802.

## CONSTRUCTION

- Extra-flexible Class 5/6 fine-stranded copper conductor.
- EPR rubber insulation for high flexibility and heat resistance.
- Power cores laid up with earth and control cores as required.
- Heavy-duty chloroprene (PCP/CR) rubber sheath for drag and oil resistance.

## TECHNICAL DATA

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| **Rated voltage** | 1.9/3.3 kV, 3.6/6 kV | **Core count** | 3–5 power cores + earth + control cores |
| **Conductor** | Class 5/6 fine-stranded copper, IEC 60228 | **Standards** | AS/NZS 1802, IEC 60502 |
| **Insulation** | EPR rubber | **Operating temperature** | -25 °C to +85 °C |
| **Sheath** | Heavy-duty chloroprene / rubber (PCP/CR) | **Packing** | Steel or wooden drum, custom lengths from 500 m |

Typical values. The final construction is confirmed on the order datasheet and the released drawing.

## STANDARDS, TESTING AND DOCUMENTS

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| **Routine tests** | Conductor resistance, voltage test and insulation resistance on every length |
| **Type tests** | Type-test reports for each construction, witnessed by a third party on request |
| **Documents with the drum** | Packing list, drum list, routine test certificate, datasheet, CO / FORM A |
| **Traceability** | Drum number marked and recorded against the routine test certificate |

## OTHER CONSTRUCTIONS FROM THE SAME RANGE

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|---|---|
| **Mining Armoured Power Cable** | www.zmsminingcable.com/products/mining-power-cables/mining-armoured-power-cable/ |
| **Open-pit Mining Trailing Cable** | www.zmsminingcable.com/products/special-mining-cables/open-pit-trailing-cable/ |

## PACKING AND DELIVERY

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|---|---|
| **Drum** | Wooden or steel-framed export drum, 250–500 m per drum by cross-section |
| **Packing** | Sealed ends, protected lugs, desiccant, UV-resistant wrap |
| **Marking** | Drum no., designation, voltage, cross-section, length, gross weight |
| **Lead time** | 15–25 working days for standard builds |
| **Terms** | FOB Qingdao, Tianjin or Shanghai. CIF, CFR and DAP on request |

## HOW TO ORDER

To quote, send the voltage class (U0/U), conductor material and cross-section, screen or armour, sheath, drum length, delivery port and the standard the project specifies. We return a released drawing, the test programme and a drum plan with the quotation.

**Certification.** Environmental management to ISO 14001:2015 and occupational health and safety to ISO 45001:2018, with CE marking under the EU low-voltage and EMC directives. Independent inspection and type testing are carried out through ISO/IEC 17020 and 17025 accredited laboratories. Certificate numbers and validity dates are published at www.zmsminingcable.com/certificates/.

## Request a quotation for this cable

Send the specification sheet or the cable schedule and we return a released drawing, the test programme and a drum plan with the price.

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