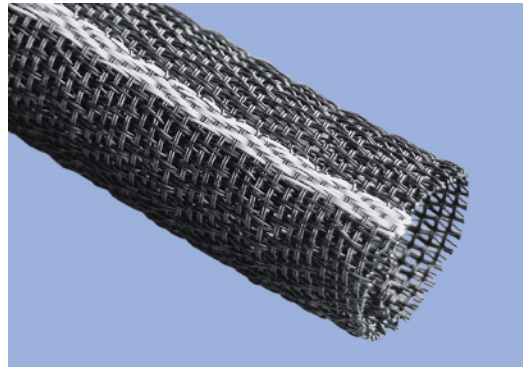# Raytronics AG

*Wärmeschrumpftechnik*

## ROUNDIT 2000 V0, rail application wrap-around sleeve

ROUNDIT® 2000 V0 is a wrap-around sleeving manufactured from flame retardant polyester monofilaments. ROUNDIT 2000 V0 is designed for mechanical protection and maintenance of wire and cable bundles and has an excellent cut-through and abrasion resistance. The self-wrapping feature of ROUNDIT 2000 V0 allows for quick and easy installation and removal of the product for assembly and maintenance. ROUNDIT 2000 V0 may be installed or removed without any manipulation of connectors or fittings and is an ideal solution where breakouts are necessary. Its wrappable construction allows stocking of a limited range of sizes to cover a wide range of diameters. ROUNDIT 2000 V0 has many applications in the railway, marine and electronic industries.



### Product facts of braided sleeve ROUNIDT 2000 V0

- Sel-wrapping design
- Subsequent installation possible
- Self-extinguishing
- EN 45545-2
- Halogen free
- UL 94 V0 (raw material)
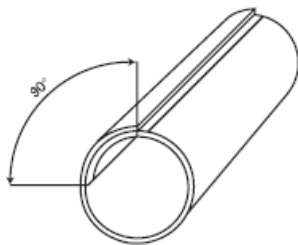- Excellent abrasion protection

| Property | Test Method | Result |
|---|---|---|
| Operating Temperature | | -50°C to +150°C (-58°F to +302°F) |
| Filament Melt Temperature | | +240°C (+464°F) |
| Fire / Smoke / Toxicity | UL 94 | Raw material classified V0 |
| | NFF 16 101 – NFF 16 102 | I2 F1 |
| | | Halogen-free |
| | DB DIN 5510 §2 & 54837 | S4, SR2, ST2 |
| | UNI CEI 20-38 | T = 1.4 |
| | BS6853 | R=1.3, AO=0.193, OI=34.9% |
| | ASTM E 662 – ASTM E 162 | Pass |
| | EN 45545-2 | R22 HL3, R23 HL3 |
| Fluid Resistance<br>- Hydraulic Fluid | EN 6059-303<br>Immersion for 24h at +70°C (+158°F) | No visible degradation or alteration after being exposed |

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## Dimensions in mm

| Part Number | Max Wire Harness size | Diameter | | Packing unit | Packing unit |
|---|---|---|---|---|---|
| | | min. | max. | Cardboard spools | Plastic spools |
| Roundit 2000 V0 5-0 | 5 | 1 | 5 | 7 | 150 |
| Roundit 2000 V0 8-0 | 8 | 5 | 8 | 9 | 100 |
| Roundit 2000 V0 13-0 | 13 | 8 | 13 | 14 | 50 |
| Roundit 2000 V0 19-0 | 19 | 13 | 19 | 18 | 25 |
| Roundit 2000 V0 25-0 | 25 | 19 | 25 | 24 | 25 |
| Roundit 2000 V0 29-0 | 29 | 25 | 29 | 28 | 25 |
| Roundit 2000 V0 38-0 | 38 | 29 | 38 | 35 | 25 |
| Roundit 2000 V0 50-0 | 50 | 38 | 50 | 58 | 25 |

*Nominal size is determined by wrapping the product around a mandrel of a given size to obtain 90 degrees of overlap (average value).



## Standard Colours (other colours available on request)

| Colour | Black |
|---|---|
| Ordering Code | -0 |

Federal Mogul, Tenneco, Bentley Harris