



Railway Product Innovations

Meeting Your Needs

- A range of products providing:
 - Exceptional abrasion resistance
 - EMI shielding
 - Electrical insulation
 - Fire protection
- Solutions with operating temperatures ranging from -65°C to +260°C (-85°F to +500°F)
- Easy installation
- Comprehensive range of sizes
- Fluid resistant
- Branches accommodated without the need for specific parts








Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

RAILWAY_NA_11202014



Flammability* Testing performed on our solutions:

- NF16101-16102
- DIN 5510 (DB)
- UNI CEI 11170
- PN-K-02511
- EN 45545
- UL94 V0
- Zero Halogen content
- REACH/RoHS Compliance
- SMP800C
- BSS7239
- NFPA 130
- ASTM E162-662
- ASTM E1354



Abrasion Protection

 Expando® TCP V0	<ul style="list-style-type: none"> • -50°C to +150°C (-58°F to +302°F) • Expansion ratio 1:2 • High flexibility • Low wall thickness
 ROUNDIT® 2000 FR	<ul style="list-style-type: none"> • -50°C to +150°C (-58°F to +302°F) • Self-wrapping design • High flexibility • Ideal for retrofit & maintenance
 ROUNDIT® 2000 V0	<ul style="list-style-type: none"> • -50°C to +150°C (-58°F to +302°F) • Self-wrapping design • High abrasion resistance • Ideal for retrofit & maintenance
 ROUNDIT® 2000 NX	<ul style="list-style-type: none"> • -55°C to +200°C (-67°F to +392°F) • Self-wrapping design • BSS 7239 NFPA 130 flammability compliance • Also available in a +260°C (+500°F) version
 Silicone Tapes (Supported or unsupported)	<ul style="list-style-type: none"> • -55°C to +260°C (-67°F to +500°F) • Local protection & fitting on sleeve • Open solution compatible with Roundits • Ideal for retrofit & maintenance



Electromagnetic Shielding

 ROUNDIT® 2000 V0 EMI	<ul style="list-style-type: none"> • -58°C to +200°C (-67°F to +392°F) • Maximum R0 6 milliohms • Shielding efficiency 55dB at 100 MHz • Also available in a tin plated copper version
 ROUNDIT® EMI FMJ	<ul style="list-style-type: none"> • -65°C to +200°C (-85°F to +392°F) • 95% Optical coverage • Maximum R0 5 milliohms • Shielding efficiency 60dB at 100 MHz

Electrical Insulation

 GES 40/100	<ul style="list-style-type: none"> • -60°C to +220°C (-76°F to +428°F) • 4 kV to 10 kV dielectric strength • Sizes 0,5 mm to 32 mm • Low wall thickness
 Silicone Tapes (Supported or unsupported)	<ul style="list-style-type: none"> • -55°C to +260°C (-67°F to +500°F) • Local protection & fitting on sleeve • Can be installed for local repairs • Available in different colors (Red/brown & black)

Thermal Management

 Fyrejacket®	<ul style="list-style-type: none"> • -54°C to +260°C (-65°F to +500°F) • Fire protection 15 mins. up to +1100°C & 30 mins. up to +800°C • Protects components in extreme temperatures from molten splashes
 Thermojacket® S	<ul style="list-style-type: none"> • Continuous long-term heat protection to +540°C (+1000°F) • BS 6853: Category 1a • Provides excellent long term heat protection for hoses, wire harnesses, and cables

Tel: +44(0) 1793616700 • Fax: +44(0) 1793 644304
uksales@is-rayfast.com • export@is-rayfast.com

www.is-rayfast.com

2 Lydiard Fields, Swindon, Wiltshire, SN5 8UB

