

INTRODUCTION

Sleevings and Shielding Solutions

Complete range of **SLEEVE, WRAP-AROUND, COLD APPLIED & EDGE PROTECTION.**

Performance products for demanding environments.

A range of protective sleevings are available from world leading manufacturers, providing protection for electrical harnesses, hoses and pipes against heat, abrasion, chemicals fluids and electrical noise. Applications range from commercial products through to high performance products that can be used in the most demanding environments.

Protective sleevings come in a wide variety of constructions, sizes and colours including wrap-around, push-on, heat-shrinkable, spiral binding, metal braids and protective edging.

Temperature capabilities from -70°C to +1100°C

Features & Benefits

- Mechanical protection
- Chemical resistance
- Electrical insulation
- Fluid and solvent resistance
- Moisture protection
- Strain relief, flexibility
- Aesthetic enhancement
- Fast and efficient installation



Typical Applications

Customers in a variety of aerospace, defence, energy, industrial and transport markets utilise our products in a host of applications including:

Aerospace

- Wire harnesses protection from abrasion in fuselage applications and in the wings.
- Electrical barrier against arc generated from a short circuit.
- EMI and lightning protection inside fuselage and on the wings, VTP & HTP sections.

Defence

- EMI protection on radar systems
- High temperature mechanical protection.
- NBC protection of wire harnesses.

Electronics

- Protection of wire harnesses in electrical cabinets and enclosures.
- Dielectric protection of sensitive wire harnesses.
- Protection of wiring from high temperatures.

Marine

- Thermal and mechanical protection.
- Fire protection of tubing, wiring and hoses.

Transport

- Mechanical protection of wire harnesses located in panels and inside HVAC systems.
- Protection against UV and stone impingement above and underneath the car body.
- EMI shielding to reduce emissions.

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ABRASION / MECHANICAL PROTECTION		
HFT5000	Heatshrinkable fabric tubing	page 96
EXPANDO® PT and PT Plus	Expandable protective braid	page 98
EXPANDO® TCP V0	Expandable protective braid, low fire hazard	page 100
EXPANDO® HR and HR Plus	Expandable protective braid, high ratio	page 102
EXPANDO® PPS	Expandable protective braid, low smoke	page 104
EXPANDO® HTNS L/HO	Expandable protective braid, high temp, 1:2 ratio	page 106
EXPANDO® HTNS LA/HO	Expandable protective braid, high temp, 1:3 ratio	page 108
ROUNDIT® 2000	Self-wrapping protective braid	page 110
ROUNDIT® 2000 FR	Self-wrapping protective braid, flame retardant	page 112
ROUNDIT® 2000 V0	Self-wrapping protective braid, low fire hazard	page 114
ROUNDIT® 2000 NX	Self-wrapping protective braid, high temp'	page 116
ROUNDIT® 2000 NX HT	Self-wrapping protective braid, enhanced high temp	page 118
THERMAL MANAGEMENT		
TEXTALU® 1202	Insulative high temperature sleeve	page 120
THERMOTUBIX® Industrial	Silicone coated high temperature sleeve	page 121
THERMOTUBIX® Aerospace	Silicone coated high temperature sleeve	page 122
ELECTROMAGNETIC SHIELDING		
ROUNDIT® 2000 NX Cu/Ni	Self-wrapping screening and protective braid	page 124
RAYBRAID® 90 and 101/103	Tubular braiding for electrical screening	page 126
MISCELLANEOUS		
GTB Spiral Binding	PTFE spiral binding	page 128
PROTECTIVE EDGING		
RAYRIM® and TPEM	Performance heatshrinkable edge protection	page 129
Spring-Fast® M22529/2	High performance edge protection	page 130

