

DRONE PROTECTION SOLUTIONS

ADVANCED SOLUTIONS FOR UNMANNED
AERIAL PERFORMANCE



Challenges

- Resistance to abrasion and vibration
- Lightweight materials to preserve flight performance
- Compatibility with compact and dynamic designs
- Compliance with low-toxicity and low-outgassing standards
- Protection against extreme temperature ranges

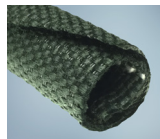
Applications

- Drone wire harnesses and cable assemblies
- Sensor and gimbal cable protection
- Payload and avionics systems
- Power distribution and battery connections

Experience

- Decades of aerospace and defense expertise
- Responsive engineering support and custom solutions
- Rapid development cycles for evolving drone platforms
- Manufacturing and logistics support worldwide

Systems Protection (SP) delivers high-performance sleeving and shielding solutions engineered to meet the rigorous demands of drone applications—whether in commercial, defense, or industrial use. From harsh environmental conditions to critical mission reliability, our products are designed to protect essential wiring, cabling, and mechanical components that keep drones flying.



**ROUNDIT®
2000NX**

- Operating temperature from -60°C to +200°C
- High temperature bundling and abrasion resistance
- Halogen-free
- Self-wrapping design
- Water repellent



**EXPANDO®
686DM**

- Operating temperature from -70°C to +200°C
- Outstanding abrasion protection
- Halogen-free
- Low-toxicity, smoke generation, & offgassing
- Rot-free



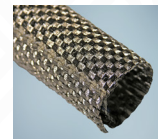
**EXPANDO®
HTNS-L/HO**

- Operating temperature from -60°C to +240°C
- Excellent abrasion protection
- Lightweight
- Resistant to gamma and x-rays
- Water repellent



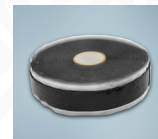
**ROUNDIT®
2000NX HT**

- Operating temperature from -70°C to +260°C
- Excellent cut-through and abrasion resistance
- Halogen-free
- Self-wrapping design
- Water repellent
- Lightweight construction



**ROUNDIT®
EMI FMJ**

- Operating temperature from -65°C to +200°C
- High performance EMI Shielding
- Halogen-free
- 95% optical coverage
- Cu/Ni metal (ASTM B-355)



**SILICONE
TAPE**

- Operating temperature from -60°C to +260°C
- Seals cut ends of sleeves exposed to high temps
- Self-amalgamating
- Halogen-free
- Good fluid resistance



Whether it's surveying remote terrain or supporting tactical operations, today's drone platforms demand protection solutions that are as advanced as the technology they support. Systems Protection delivers trusted, field-proven solutions that keep critical systems safe—without adding unnecessary weight or complexity. Visit our website for more information.

Global Presence



Americas

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MANUFACTURING LOCATIONS:

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* **EIT** markets include Aerospace, Railway, Industrial, Off-Road and other Electronics markets

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BentleyHarris®
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