



Product Highlights

- Operating temperature up to +150°C (+302°F)
- Circular profile
- Excellent abrasion resistance
- Very flexible
- Quick installation
- Does not trap heat or moisture

Typical Applications

- Electrical Distribution Systems
- Hoses and Tubes
- Sensor Assemblies

FlexGuard® 2129 is a lightweight, expandable sleeve designed to provide mechanical protection for electrical distribution systems, hoses and cable assemblies. A dual monofilament construction that blends larger nylon monofilament guard strands with polyester support strands, provides an excellent balance of key features including abrasion resistance, flexibility, expandability and self-recovery.

These features optimize the handling properties of the sleeve and assure longer service life for the protected component. An open weave construction permits drainage and prevents condensation. To facilitate installation, FlexGuard 2129 is engineered to maintain a very round profile. This feature makes it extremely easy to install the product over a wide range of assemblies. Because it also expands up to several times its own diameter, one size fits many applications.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – FlexGuard® 2129

| Property | Test Method | Result |
|-----------------------------|-------------------------------------|-----------------------------------|
| Temperature Rating | 240 hours at +175°C (+150°C rating) | Pass +150°C (+302°F) |
| Low Temperature Flexibility | BH100-016A | Pass -70°C (-94°F) |
| Flammability | SAE J369 | Self-extinguishing |
| Fluid Resistance | BH100-003B | Pass |
| Melt Temperature | ASTM D3418 | 245°C to 265°C (+473°F to +509°F) |

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

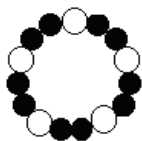
Construction and Typical Product Characteristics

Resilient Support Yarn: Polyester (PET) monofilament

Abrasion Guard Yarn: Nylon 66 (PA66) monofilament

Availability

FlexGuard 2129 is available in a range of sizes and cut to your specification. Standard color is black. Please contact your sales representative for availability.



End view (enlarged diameter) of FlexGuard 2129 showing guard strands (larger) and support strands (smaller, black) in a typical configuration.



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