

Product Highlights

- Operating temperature up to +150°C (+302°F)
- High level of abrasion resistance
- Self-wrapping design
- Extremely lightweight
- Used to identify critical components

Typical Applications

- Instrument panel harnesses
- Engine compartment harnesses
- High voltage cables
- Hybrid vehicles

TwistTube® 2424 is a self-wrapping sleeve designed to provide mechanical protection and acoustical noise suppression. Woven of both monofilament and multifilament polyester yarns the product offers a high level of component protection and is both flexible and lightweight. Colored orange, TwistTube 2424 is commonly used to identify high voltage cables in hybrid vehicles.

The polyester construction eliminates problems associated with trapped heat and humidity and also eliminates operator skin irritation during assembly.

TwistTube 2424 offers superior abrasion protection and maintains a circular profile when flexed. Its self-wrapping design allows for quick and easy bundling of wire and cable assemblies. The unique design easily allows for breakouts and can be installed over completed assemblies.



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

Performance Data – TwistTube® 2424

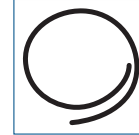
| Property | Test Method | Result |
|-----------------------------|-----------------------------------|-------------------------------------|
| Temperature Rating | 240 hrs at +175°C (+150°C rating) | Pass +150°C (+302°F) |
| Low Temperature Flexibility | SAE J2192 | Pass -70°C (-94°F) |
| Flammability | SAE J369 | Self-extinguishing |
| Fluid Resistance | SAE J2192 | 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

Warp Yarn: Polyester (PET) Multifilament

Fill Yarn: Polyester (PET) Monofilament



End view of TwistTube 2424 illustrating self-wrapping construction.

Standard Sizes

| Nominal Diameter mm | Recommended Application Range mm | |
|------------------------|-------------------------------------|-------|
| | Min Ø | Max Ø |
| 8 | 5 | 8 |
| 10 | 9 | 10 |
| 13 | 11 | 13 |
| 16 | 14 | 16 |
| 19 | 17 | 19 |
| 25 | 20 | 25 |
| 29 | 26 | 29 |
| 32 | 30 | 32 |

* Max diameter is defined as a nominal 90 degree sleeve overwrap. A variety of application-based variables will dictate the appropriate sleeve size for use on each harness. Proper sleeve sizing is at the discretion of the end user.

Availability

Standard sizes are listed here. Additional sizes could be available upon request.

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Standard color is orange. Additional colors are available.

Please consult your local sales representative for regional packaging details and standards.



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