

## Product Highlights

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

## Typical Applications

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



**TwistTube® 2424XT** 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 2424XT 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 2424XT 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® 2424XT

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 -50°C (-58°F)
Flammability	FMVSS 302 D45 1333 D47 1924	Pass Self extinguishing Type B
Fluid Resistance		No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> <li>immersion for 15s at 22°C followed by a drying period of 24 hrs at 150°C: motor oil, protection oil, automatic transmission fluid, mineral hydraulic fluid, zinc chloride (drying at 23°C)</li> <li>immersion for 2hrs at 70°C (in vapor) followed by a drying period of 4hrs at 23°C: battery fluid</li> <li>immersion for 24hrs at 70°C: windscreen washer and at 118°C: engine coolant</li> <li>immersion for 24h at 40°C: standard fuel, unleaded petrol 98, diesel</li> </ul>

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

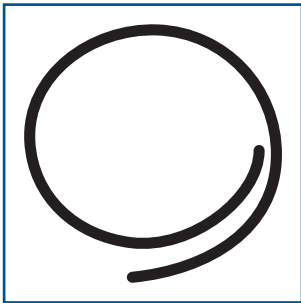
## Construction and Typical Product Characteristics

**Warp Yarn:** Polyester (PET) multifilament

**Fill Yarn:** Polyester (PET) monofilament

## Availability

TwistTube 2424XT is available in a range of sizes and cut to your specification. Color is orange. Please contact your sales representative for availability



End view of TwistTube 2424XT illustrating self-wrapping construction.



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