



Product Highlights

- Operating temperature up to +150°C (+302°F)
- Self curling wrappable design
- Excellent abrasion resistance
- Flexible
- Lightweight
- Aesthetic solution

Typical Applications

- Body wiring harnesses
- Instrument panel harnesses
- Engine compartment harnesses
- Modular wire harnesses
- Tube, hose, and cable assemblies

TwistTube® 2428 is a wrappable sleeve designed to provide abrasion resistance and facilitate easy bundling of completed assemblies.

Woven of both monofilament and multifilament polyester yarns, this flexible and lightweight product offers superior abrasion protection for wire harnesses, tube hose and cable assemblies as well as other components.

The self curled circular profile with generous overlap enables fast installation, easily incorporates breakouts, and maintains its closed shape when bent or flexed.



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

Performance Data – TwistTube® 2428

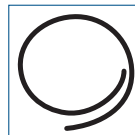
Property	Test Method	Result
Temperature Rating	SAE J2192	Up to +150°C (+302°F)
Low Temperature Flexibility	SAE J2192	Pass -40°C (-40°F)
Flammability	SAE J369	Self-extinguishing
	FMVSS 302	Pass
Fluid Resistance	SAE J2192	Pass

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) Multifilament and Monofilament



End view of TwistTube 2428 illustrating self-curling wrappable construction with nominal overlap.

Standard Sizes

Commercial Part Number	Recommended Application Range mm	
	Min Ø	Max Ø
TwistTube 2428 5-0	1	5
TwistTube 2428 8-0	5	8
TwistTube 2428 10-0	8	10
TwistTube 2428 13-0	10	13
TwistTube 2428 16-0	13	16
TwistTube 2428 19-0	16	19
TwistTube 2428 25-0	19	25
TwistTube 2428 29-0	25	29

* Max diameter is defined as a nominal 90° 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.

A reduced overlap could be acceptable in certain applications allowing for a larger max diameter harness. Please consult your local sales representative for recommendations and guidance.

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 black. Additional colors are available.

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

TwistTool is available as an installation aid for sizes 5, 8 and 13 mm.



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 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560
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