



Product Highlights

- Operating temperature
-40°C to +125°C
(-40°F to +257°F)
- Self-wrapping design
- Fast and easy installation for
local EMI protection
- Stable construction
- Zero Halogen
- UL 94 V0 Raw material
- Good level of EMI shielding
 $R_0 \text{ max} = 6 \text{ m}\Omega$ and
 $L_t = 1.2 \text{ nH/m}$

TwistTube® 2477 is a wrap-around sleeving designed for high performance EMI shielding of wire and cable bundles. TwistTube 2477 is manufactured from UL 94 V0 rated PPS monofilaments and tin plated copper wires according to EN13602.

The self-wrapping feature of TwistTube 2477 allows for quick and easy installation and removal of the product for assembly and maintenance.

The design offers innovative solutions to the protection of breakout areas and also provides ease of removal when inspection or maintenance of cables is necessary.

The stable construction guarantees the same level of EMI shielding regardless of the diameter on which it is installed within the recommended application range.



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

Performance Data – TwistTube® 2477

Property	Test Method	Result
PHYSICAL		
Operating Temperature Range		-40°C (-40°F) to +125°C (+257°F)
Fire	UL 94	Raw material classified V0
CHEMICAL		
Salt spray resistance	EN2591-307- 96 hours	Pass

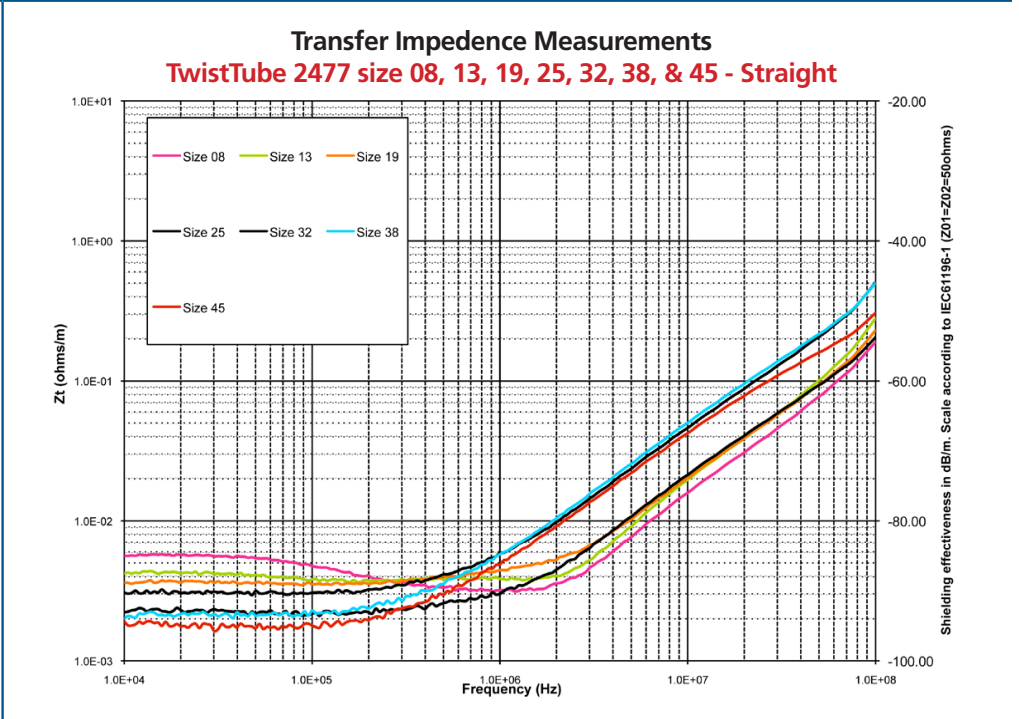
EMI PERFORMANCES

Resistance Measurement

EN 3475-301
R0 max all sizes = 6 mΩ

Transfer Impedance

IEC 62153-4-3 Triaxial method on straight installation
Lt = 1.2 nH



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

Product Specifications

Commercial Part Number	Nominal Size* (mm)	Recommended Application Range (mm (in))		Sleeve Cross Section (mm ²)	Standard Packaging m (ft)
		Min Ø	Max Ø		
TwistTube 2477 8	8	5 (3/16")	8 (5/16")	3.5	250 (820')
TwistTube 2477 13	13	8 (5/16")	13 (1/2")	4.8	175 (574')
TwistTube 2477 19	19	13 (1/2")	19 (3/4")	5.9	125 (410')
TwistTube 2477 25	25	19 (3/4")	25 (1")	6.9	75 (246')
TwistTube 2477 32	32	25 (1")	32 (1-1/4")	8.9	50 (164')
TwistTube 2477 38	38	32 (1-1/4")	38 (1-1/2")	10.6	35 (114')

*Nominal size is determined by wrapping the product around a mandrel of a given size to obtain 90 degrees of overlap (average value).

Commercial Part Number

Example	Product Name	Size	Color	Quantity
	TwistTube 2477	13	8 (Light gray)	250 m

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