

Electric Vehicle Orange Corrugated Loom Tubing

This specification is intended to outline the physical and chemical resistance properties of *PANDUIT*'s Orange PET Corrugated Loom Tubing.

Orange CLT Part Numbers			
CLT25NFR-3	CLT100NFR-3	CLT50NFRUV-3	CLT150NFRUV-3
CLT38NFR-3	CLT125NFR-3	CLT62NFRUV-3	
CLT50NFR-3	CLT150NFR-3	CLT75NFRUV-3	
CLT62NFR-3	CLT25NFRUV-3	CLT100NFRUV-3	
CLT75NFR-3	CLT38NFRUV-3	CLT125NFRUV-3	

PRODUCT SPECIFICATIONS:

Description:	Material is RoHS/REACH compliant. Construction consists of a flame-retardant nylon material.
Wall Configuration:	This loom tubing is fully slit down the full length.
Standard Colors:	Orange
Size:	1/4" to 1-1/2"
Service Temperature Range:	-40°F to 275°F (-40°C to 135°C)
UV Resistance:	1000 Hrs exposure per ASTM G154
Chemical Resistance:	Resistant to Diesel and Hydraulic Fluids
Flammability Rating:	UL94-V2



Technical Data Sheet: 1000804

Properties:

Performance

UV Resistance:

1000 Hours of UV Exposure within a Q-U-V Accelerated Weather Tester with no performance degradation.

Chemical Resistance:

48-hour submersion in Diesel/Hydraulic fluid. Submerged CLT showed no performance degradation.

Abrasion Resistance:

Tested on a Tabor abrasion resistance tester using 1000-gram weights with H22 grit for 500 cycles.

At 100 Cycles: CLT showed minor wear with no structural failure.

At 200 Cycles: CLT showed minor wear with no structural failure.

At 300 Cycles: CLT showed minor wear with no structural failure.

At 400 Cycles: CLT showed more pronounced wearing but no structural failure.

At 500 Cycles: CLT showed more pronounced wearing but no structural failure.

Elevated Temperature:

Tested for 116 hours @ 302F with no degradation or embrittlement of CLT.

Flammability Rating:

Vertical burn test resulted in the CLT self-extinguishing with a UL 94-V2 class rating.

REVISION	DATE	DESCRIPTION	ECN
00	5/29/2024	Initial Release	GAECN07129