



Put-Ups

Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
		Min	Max	Spool	Spool	Colors	100′
1/8″	HTN0.13	3/32"	1/4″	1,000′	225′	2	0.25
1/4"	HTN0.25	1/8"	7/16"	1,000′	200′	2	0.38
3/8"	HTN0.38	3/16"	5/8"	500′	125′	2	0.86
1/2"	HTN0.50	1/4"	3/4"	500′	100′	2	1.10
3/4"	HTN0.75	1/2"	1 1/4"	250′	75′	2	1.70
1″	HTN1.00	5/8"	1 5/8"	250′	65′	2	2.20
1 1/4"	HTN1.25	3/4"	1 3/4"	250′	50′	2	2.60
1 3/4"	HTN1.75	1 1/4"	2 3/4"	200′	30′	2	4.40
2"	HTN2.00	1 1/2"	3 1/2"	200′	50′	2	4.60

- Meets UL 2024
- VW-1, FAR 25 Approved
- Expands Up To 150%
- Resists Gasoline And **Engine Chemicals**
- Cut And Abrasion Resistant
- Easy To Install

Very Low Outgassing, Self-Extinguishing **UL-2024 Plenum Rated Sleeving**

■¬ Colors Available: TW & TB



HALAR® (HT) self-extinguishing sleeving is used where flammability, high temperature endurance and low outgassing are primary concerns. HT is braided from 11 mil ethylene chlorotriflouroethylene (ECTFE) copolymer monofilament.

Because of its low flame spread and smoke generation properties, HT has received UL 2024 and NFPA 262 plenum listings, UL flame resistance rating of VW-1 and exceeds automotive industry requirements of FMVSS 302, as well as aviation industry requirements of FAR 25.

HT resists a wide range of corrosive chemicals and organic solvents, including strong acids, chlorine and aqueous caustics. HALAR® ECTFE also maintains useful properties on exposure to Cobalt 60 radiation at doses up to 200 megarads.

Halar's low outgassing, as well as its heat, chemical and radiation properties, make it ideal for use as a component in technologically advanced applications.

Material HT

Ethylene-chlorotrifluoroethylene

Grade

HTN

Monofilament Diameter

.011"

Drawing Number

TF001HT-WD



10 rue du Tertre 35520 La Chapelle des Fougeretz - France (0) 02 23 30 05 15 www.CableOrganizer.fr

Colors Available:

White with Black Tracer (TW), Black with White Tracer (TB).

Halar® is a registered trademark of the Solvay Solexis Corporation.



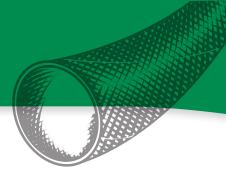


















Abrasion Resistance Medium

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load 500g

Room Temperature 71°F

Humidity **58%**

Material Destroyed 600 Test Cycles

Pre-Test Weight 6,354.9 mg

Post-Test Weight 5,922.8 mg

Test End Loss Of Mass Point Of Destruction 432.1 mg

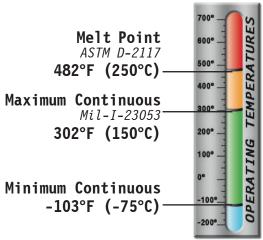
Rating FAR 25, VW-1



1=No Effect 2=Little Effect 4=More Affected 5=Severely Affected

3=Affected

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	
Strong Bases	
Salt Water <i>0-S-1926</i>	1
Hydraulic Fluid <i>MIL-H-5606</i>	1
Lube Oil <i>MIL-L-780</i> 8	1
De-Icing Fluid <i>MIL-A-8243</i>	1
Strong Acids	1
Strong Oxidants	1
Esters/Ketones	2
UV Light	1
Petroleum	1
Fungus <i>ASTM G-21</i>	1
Halogen Free	Yes
RoHS	Yes
SVHC	



PHYSICAL

ASTM D-204	.011
Flammability Rating FAR 25, V FMVSS-302 Approved	/W-1
Recommended CuttingHot k	Knife
Colors	2
Wall Thickness	.028
Tensile Strength (Yarn) ASTM D-2256 Lbs	_4.3
Specific Gravity ASTM D-792	1.68
Moisture Absorption % ASTM D-570	02
Hard Vacuum Data	
TML	.18
CVCM	02
WVR	0
Smoke D-Max ASTM E-662	_ 94
Outgassing	Low
Oxygen Index	_ 64