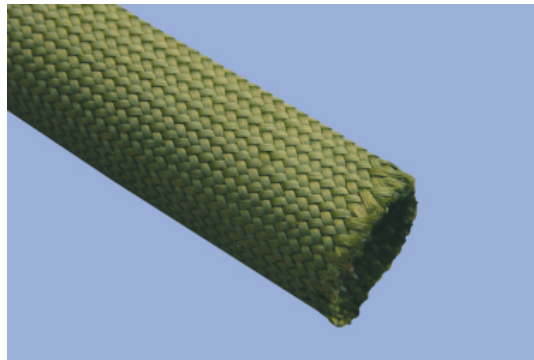


EXPANDO HTNS-L/HO, military and aeronautical application braided sleeve

Expando HTNS-L/HO is a thin wall braided sleeve manufactured from the metaaramid Nomex®. Its highly expandable structure allows easy installation over long lengths even after the fitting of end connectors with a limited range of product sizes. Expando HTNS-L/HO's flexible, expandable and non-flammable properties ensure excellent performance in the most diverse and aggressive environments. The product is designed for the protection of wire and cable bundles against flame, high temperatures, and mechanical abrasion. The properties of Expando HTNS-L/HO ensure excellent resistance to gamma and x-rays. Expando HTNS-L/HO has a water repellent treatment (HO) to reduce humidity absorption and to improve permeability to fluids. Expando HTNS-L/HO has various applications in the military, marine and aeronautical industries. Expando products are tough, lightweight oversleeves used to protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The open-braid construction of Expando products enables each size to expand to fit several application shapes and diameters. This open-textile construction also makes them highly flexible and resistant to trapping water, heat and humidity



Product facts of braided sleeve EXPANDO HTNS-L/HO

- 1:2 expansion ratio
- Lightweight
- Self-extinguishing
- High temperature range -60°C to +240°C
- Excellent abrasion protection
- Resistant to gamma and x-rays
- Water repellent
- ASD EN 6049-003

Property	Test Method	Result
Operating Temperature		-60°C to +240°C (-76°F to +464°F) Up to +310°C / +590°F (short term)
Carbonization	Above +370°C (+698°F)	Does not melt
Abrasion resistance	EN 6059 Part 403	Pass
Flame resistance	FAR 25 AMDT.25-72 § 853 (b)	Pass
Water repellent	EN 6059 Part 305	Pass
Humidity resistance	1000h at +150°C (+302°F) in air saturated with water vapor	Retains 70% of its original tensile strength
Fluid Resistance <ul style="list-style-type: none"> - Jet Fuel JP-5 (NATO F44) - Hydraulic Fluids - Skydrol 5 00 B4 & L D4 - Mineral Oil (MIL-L-7870A) - Synthetic Oil (MIL-L-23699) - Cleaning Fluids (Forane 141B & MIL-L-87936) - De-Ice Fluid (MIL-A-8243) 	EN 6059 Part 303 (24h with various temperatures)	Pass

Wärmeschrumpftechnik

Dimensions in mm

Part Number	Diameter		Weight g/m	Packing unit
	min.	max.		
HTNS-L/HO 2-5	1.00	2.00	2.7	100
HTNS-L/HO 4-5	2.00	4.00	4.0	100
HTNS-L/HO 6-5	4.00	8.00	8.0	100
HTNS-L/HO 8-5	6.00	12.00	12.0	50
HTNS-L/HO 10-5	8.00	16.00	14.0	50
HTNS-L/HO 15-5	10.00	20.00	17.0	50
HTNS-L/HO 20-5	12.00	24.00	22.0	50
HTNS-L/HO 25-5	15.00	30.00	32.5	50
HTNS-L/HO 30-5	20.00	40.00	38.0	50

Standard Colours (other colours available on request)

Colour	Green
Ordering Code	-5