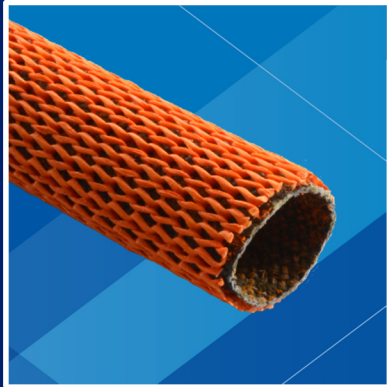


# PROTECTION SLEEVES

## HTR-IPS40

Protecto-Hybrid hose made of Para-Aramid and impregnated glass fiber, impact resistant



### Highlights

- High impact resistance
- Operating temperature: -70 °C bis 180 °C
- Halogen free
- Very good abrasion resistance
- Self-extinguishing
- Good chemical resistance
- RoHS and REACH conform
- Standard colour: black and orange

### Dimensions

Art.-No.	Reference	Inner Diameter Nom. (mm)	Tolerance (mm)	Wall Thickness (mm)	Spool (m)
Zxxxxx	HTR-IPS40-9	9	± 0,5	1,6 ± 0,3	On demand
Zxxxxx	HTR-IPS40-13	13	± 0,5	1,9 ± 0,3	100
Zxxxxx	HTR-IPS40-17	17	± 0,5	1,9 ± 0,3	75
Zxxxxx	HTR-IPS40-20	20	± 1	1,9 ± 0,3	On demand
Zxxxxx	HTR-IPS40-22	22	± 1	1,9 ± 0,3	On demand
Zxxxxx	HTR-IPS40-24	24	± 1	1,9 ± 0,3	On demand

### Technical characteristics

Property	Test	Inspection requirements	Typical values
Physical	Crash-Test	LV 312-3	Tool 1: 50J €
	Abrasion resistance	LV 312-3	Class: D
Thermal	Simulation of real operating conditions	10 days at + 205 °C	Passed
	Operating temperature		-70 °C to +150 °C
	Cold resistance	Bending at -70 °C, IEC 60684 - Part 2 Clause 14	No cracking
Chemical	Diesel fuel resistance	1 Stunde bei 23 °C	Passed
	Motor Oil resistance	15W50ST, 5 min bei 90 °C	Passed
	Flame resistance	FMVSS 302	Self-extinguishing

Created by: VS 07.04.2020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,  
CUSTOMER-ORIENTED**

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