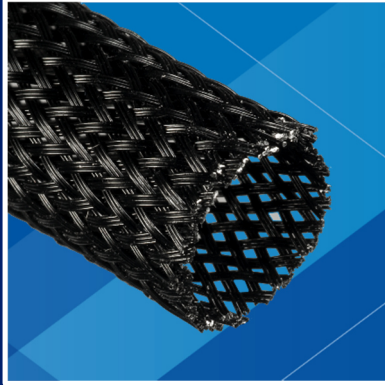


PROTECTION SLEEVES

HTR-PO

Protecto Braided sleeving [1:3] made of Polyester



Highlights

- Halogen free
- Operating temperature: -40 °C bis 150
- High mechanical protection, also temperature protection
- Monofilament diameter: 0,22 mm
- Self-extinguishing
- Expansion ratio: 1 : 3
- Good chemical resistance
- Standard colour: black, further colours on request

Dimensions

Art.-No.	Reference	Size min. (mm)	Size max. (mm)	Spool (m)
Z84559	HTR-PO 3	2	6	200
Z84499	HTR-PO 6	4	13	200
Z84493	HTR-PO 12	7	24	200
Z84494	HTR-PO 20	10	30	200
Z84495	HTR-PO 25	14	40	100
Z84496	HTR-PO 30	20	57	100
Z84497	HTR-PO 40	22	70	50
Z84498	HTR-PO 50	27	85	50

Technical characteristics

Property	Test	Inspection requirements	Typical values
Physical	Longitudinal change	IEC 60684 - Part 2 Clause 9, 4 hours at 175 °C	Max. 10%
	Abrasion resistance	Bending cycles at \varnothing 20 mm, SAE ARP 1536	Min. 45.000
Thermal	Simulation of real operating conditions	10 days at + 175 °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 hour at 23 °C	Passed
	Motor Oil resistance	15W50ST, 5 min at 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**

HEINRICH THULESIUS GMBH & CO. KG
Zum Panrepel 15, D-28307 Bremen, GERMANY



SERVICE

Tel: +49 (0) 421-4895-0
Fax: +49 (0) 421-4895-225
E-Mail: info@thulesius.de
www.thulesius.de

**SUMITOMO
ELECTRIC
GROUP**