

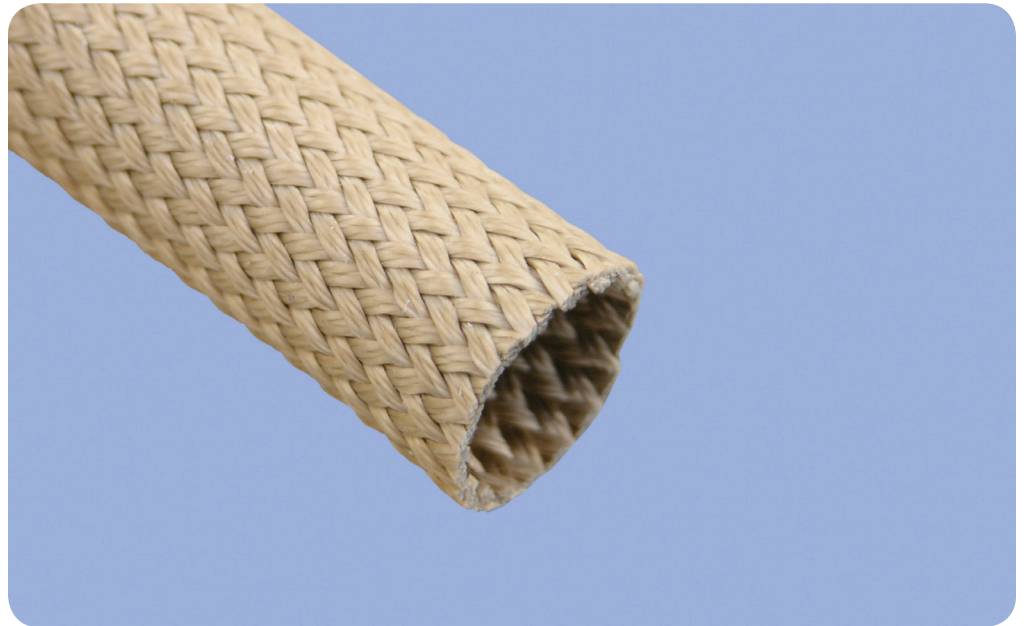


THERMAL MANAGEMENT

# ThermoJacket® S

## Product Highlights

- Operating temperature from -50°C to +240°C (-58°F to +464°F)
- EN 45545-2
- No end fray
- Suitable for long length applications
- Attractive appearance



**ThermoJacket® S** sleeving is constructed of braided fiberglass with a saturated coating which adds rigidity to the product and reduces the likelihood of end fray. The stiff coating also results in a sleeving that is easy to apply over long length applications and is resistant to mechanical abrasion. ThermoJacket S can withstand exposure to long-term heat up to +540°C based on its fiberglass construction. If subsequent service or accidental temperatures exceed 240°C, the saturant will gradually volatilize without toxic or excessive fumes or smoke.

ThermoJacket sleeving provides excellent long-term heat protection for hoses, wire harnesses and cables. ThermoJacket is available in a variety of grades, offering industrial users the option of selecting combination of properties best suited to their specific application.



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

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**BentleyHarris®**  
Protection Products

# Performance Data – ThermoJacket® S

Property	Test Method	Result
High Temperature Exposure	BH100-502 at +500°C (+932°F)	Pass
Low Temperature Flexibility	BH100-016 A at -50°C (-58°F)	Pass
Fire / Smoke / Toxicity	DIN 5510 §2 & 54837 EN 45545-2 BS 6853	S4, SR2, ST2 Interior R22 and R6: HL3, Exterior R23 and R9: HL3 Category 1a
Thermal Containment Efficiency	SAE J2495	See graph below
Melting Point		Melting at +1120°C (+2048°F) Softening at +730°C (+1346°F)
Humidity Resistance	BH100-501	% Moisture pick-up after 48 hours at +23°C in 98% humidity
Fluid Resistance	BH100-003A	Over 100% tensile retention

All numeric performance data shows average or typical values.

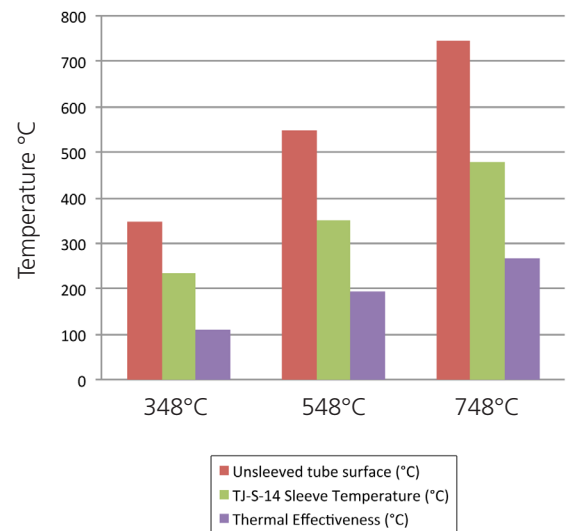
## Product Specifications

Commercial Part Number	Diameter Covered mm (in)	Approximate Length of Product Needed to Cover 30m (100 ft) m (ft)	Standard Packaging m (ft)
ThermoJacket S 4-9	6 (1/4")	31 (100')	60 (200')
ThermoJacket S 6-9	10 (3/8")	31 (100')	60 (200')
ThermoJacket S 6-9	13 (1/2")	31 (100')	60 (200')
ThermoJacket S 10-9	16 (5/8")	31 (100')	60 (200')
ThermoJacket S 10-9	19 (3/4")	35 (115')	60 (200')
ThermoJacket S 10-9	22 (7/8")	43 (140')	60 (200')
ThermoJacket S 14-9	25 (1")	31 (102')	30 (100') - box
ThermoJacket S 14-9	32 (1-1/4")	33 (108')	30 (100') - box
ThermoJacket S 22-9	35 (1-3/8")	31 (100')	30 (100') - box
ThermoJacket S 22-9	38 (1-1/2")	32 (106')	30 (100') - box
ThermoJacket S 22-9	44 (1-3/4")	34 (111')	30 (100') - box
ThermoJacket S 22-9	51 (2")	36 (117')	30 (100') - box
ThermoJacket S 22-9	57 (2-1/4")	39 (128')	30 (100') - box
ThermoJacket S 44-9	64 (2-1/2")	32 (104')	30 (100') - box
ThermoJacket S 44-9	70 (2-3/4")	33 (109')	30 (100') - box
ThermoJacket S 44-9	76 (3")	35 (116')	30 (100') - box
ThermoJacket S 44-9	83 (3-1/4")	36 (119')	30 (100') - box
ThermoJacket S 44-9	89 (3-1/2")	39 (128')	30 (100') - box
ThermoJacket S 44-9	95 (3-3/4")	42 (139')	30 (100') - box
ThermoJacket S 44-9	102 (4")	46 (151')	30 (100') - box

## Availability

ThermoJacket S is available in sizes from 1/4" to 4" in diameter.

## Thermal Containment Efficiency (SAE J2495)



Note: Thermal effectiveness is the difference between the unsleeved and sleeved tube surface temperatures

## Part Numbering System

Example	Product Name	Size	Color	Quantity
	ThermoJacket S	6	9 (ivory)	60m

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USA: (1) 800 926 2472  
 Europe: (33) 3 44 39 06 06  
 Japan: (81) 45 479 0201  
 China: (86) 21 6182 7688

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