

Basalt Fiber Knitted Conformable Exhaust Pipe Insulation Sleeve

1382°F / 750°C: ExhaustSock™

High Temperature & Heat Resistant Sleeve



- Helps maintain exhaust gas temperatures in order to meet regulatory requirements.
- Knitted design allows for high conformability.
- Can be fabricated with apertures to accommodate brackets and mounting pads.
- Available in pre-cut or continuous lengths.
- Expandable and durable – provides ease of installation.
- Conforms to bends, elbows, flex sections and flanges.
- Suitable for Fixed Generators, Marine Engines and Generators, Automotive, Truck, Bus, Construction and Mining equipment.

Parameter

Thermal conductivity
 Thermal Endurance
 Cold/Wet Endurance
 Thermal Containment
 Flammability
 Flammability
 Flammability with Oil Contamination
 Vibration
 Fluid Resistance (bullet list below)

Test Method

BH 100-521
 BH 100-522
 BH 100-509
 SAE J369 /
 D45133 Type A
 BH 100-524 (ref. SAE J369)
 ASTM D4728
 BH100-003F

Result

0.031-0.038 W/mK
 Pass - No degradation
 Pass - No degradation
 (See table below)
 No ignition
 No ignition
 Self-extinguishing
 Pass - No degradation
 No degradation or loss of flexibility

- | | |
|------------------------------------|----------------------------|
| • 50/50 Antifreeze/Distilled Water | • 5% NaCl |
| • Transmission Fluid | • Diesel Fluid LSRD-4 |
| • ASTM Reference Fuel C | • SAE 5W30 |
| • Brake Fluid SAE RM-66 | • Power Steering Fluid |
| • Windshield Washer Fluid | • Salt Spray ASTM G85 Pass |

Thermal Containment Test per BH100-509 on ExhaustSock™ Sleeve

3.5" (89mm) Exhaust Pipe Parameters

Inlet Gas	828°C	Thermal Containment	251°C
Inlet Pipe Surface	534°C	Temperature at 20mm from sleeve (ambient)	121°C
Pipe	552°C	Temperature at 30mm from sleeve (ambient)	100°C
Sleeve	301°C	Temperature at 100mm from sleeve (ambient)	81°C

Very High-Temperature Knitted Rock Fiber Sleeve For Exhaust Pipe Protection						
Part Number	ID Size in / mm / -dash			Feet per Box	Price per Box	Cut Length Price per foot
S-BRF-KNIT-1.00-M025-16	1.00	25	-16	500	\$ 3570.00	\$ 14.28
S-BRF-KNIT-1.50-M038-24	1.50	38	-24	300	\$ 2262.00	\$ 15.08
S-BRF-KNIT-2.00-M051-32	2.00	51	-32	250	\$ 2725.00	\$ 21.80
S-BRF-KNIT-2.50-M064-40	2.50	64	-40	225	\$ 2765.25	\$ 24.58
S-BRF-KNIT-3.00-M076-48	3.00	76	-48	200	\$ 2904.00	\$ 29.04
S-BRF-KNIT-3.50-M089-56	3.50	89	-56	175	\$ 2710.75	\$ 30.98
S-BRF-KNIT-4.00-M102-64	4.00	102	-64	164	\$ 2884.76	\$ 35.18
S-BRF-KNIT-5.00-M127-80	5.00	127	-80	125	\$ 2792.50	\$ 44.68

MINIMUM ORDER IS \$600.00