

HILBAS Basalt Thermal Exhaust Pipe Sleeve

Specification

Product name: HILBAS Basalt Thermal Exhaust Pipe Sleeve

Part Number: HILBAS-102.0-4.0 , HILBAS-50.0-0-CLS , HILBAS-76.0-0-CLS

Our thick wall Basalt sleeves are manufactured from Basalt fibre yarns, knitted to form a sleeve which provides a formidable combination of enhanced heat resistance, thermal performance and durability.

They are ideal for fire protection and insulative applications.

Basalt Sleeves have been designed to help keep exhaust gases as hot as possible as they flow through the exhaust to catalytic converters, these increases burn efficiency and helps to reduce harmful emissions (CO₂).

- **Highly conformable and expandable**
- **Extreme thermal protection up to 1382 ° F**
- **Highly resistant to fluids, oils, fuels, acids, alkalis and moisture**
- **Typical Applications: Heavy Goods Vehicles, Buses, Power Generation Units, Industrial Applications and more**
- **Thermal range of -436F to + 1800F**
- **Melt Point of 2642F**



Details:

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Basalt Thermal Sleeves provide **extreme thermal protection up to 1382° F**.

Our Basalt Sleeves have been designed to help keep exhaust gases as hot as possible as they flow through the exhaust to catalytic converters, these increases burn efficiency and helps to reduce harmful emissions (CO₂). It acts as a safeguard for delicate electronic equipment, which may sometimes be positioned in close proximity to the exhaust due to space limitations.

Government legislation has been introduced to encourage reduced exhaust emissions on all new build heavy vehicles. This means that all new trucks and buses must be designed to have more efficient exhaust systems in order to reduce the release of particulates into the atmosphere. These efforts will transform cities worldwide by reducing black soot particles.

In addition to vehicles, there is often a need to cover exhausts on generators to provide additional silencing or protection for personnel against possible contact with the hot exhaust. Insulating sleeves are also popular on performance motor engines including motor sport where the principle of keeping the exhaust gases hot helps boost engine performance.

Provides a highly conformable fit which is expandable, allowing ease of fitment over awkward shapes. No need for additional steel cable ties to secure it in place.

HILBAS Basalt Thermal Exhaust Pipe Sleeve

Features & Benefits:

- Highly conformable and expandable
- **Extreme thermal protection up to 1382°F**
- Highly resistant to fluids, oils, fuels, acids, alkalis and moisture
- Optimal coverage: The thick single wall construction provides extensive coverage
- Typical Applications: Heavy Goods Vehicles, Buses, Power Generation Units, Industrial Applications and more
- Thick single wall construction provides optimal coverage and will not snag on exhaust welds
- Provides protection to sensitive electrical wiring and components close to the exhaust
- Abrasion resistant
- Non-conductive
- Thermal range of -436°F to + 1800°F
- Melt Point of 2642°F

Applications:

Typical application includes:

- Heavy goods vehicles (HGV's)
- Buses
- Power generation units
- High temperature industrial applications
- Pipe work
- Hoses
- Cables

Technical Datasheet	
Material	Basalt Expandable
Protection	Extreme thermal protection up to 1382° F
Extreme thermal range	-436°F to + 1800°F
Flammability	VW-1
Melting Point	2642° F
Resistant	Moisture, oils, fuels, acids and alkalis