

Amatex Basalt Lava Rock Laconia Narrow Products

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AUTOMOTIVE | CONSTRUCTION | AEROSPACE | EXPANSION JOINTS | THERMAL INSULATION | PIPE & LAGGING PROTECTION | MARINE















Amatex Basalt Lava Rock Narrow Products

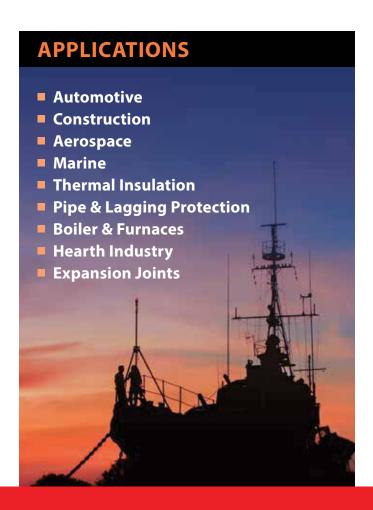
BRAIDED ROPE | TWISTED ROPE | WOVEN TAPE | FLAT KNIT TAPE WOVEN TWILL TAPE | BRAIDED TEXTURIZED & FILAMENT SLEEVING

Basalt is an igneous rock composed of molten lava rock with no other additives. Basalt based materials are environmentally friendly, non-hazardous and 100% recyclable. It is capable of continuous temperature exposure of 1200°F (649°C) and intermittent to 1800°F (982°C). The material is spun into fibers and woven, braided or knitted into a variety of products that are inherently strong and flexible making it a great product line for many insulation and high temperature applications.

ADVANTAGES OF BASALT FIBER

- As Compared to E-Glass
 - ▶ Better Durability

 - - Higher Melting Point
 - Higher Operating Temperature
 - Greater Thermal Conductivity
 - ≥ 20-25% Higher Tensile Strength
 - Deliant Delia Del
- Environmentally Friendly, Non-Hazardous and 100% Recyclable
- Non-Combustible and Fire Resistant
- Strength to Weight Ratio Exceeds Alloy Steel
- Superior Adhesion Characteristics for Coating





Basalt Woven Twill Tape

- Applications Include: Automotive applications: intake, intercooler, exhaust pipes, header wraps, turbo pipes, wiring
- Twill Weave Dimensions:

| Width | Thickness |
|----------|-----------|
| 1" to 4" | 1/16" |

- Alternative Finishes: Black dye or vertex coating (2000°F) (1093°C)
- Available with pressure sensitive adhesive for easy application
- Standard Roll Length: 100 ft. or customized



Basalt Woven Tape and Flat Knit Tape

- Applications include: Thermal insulation, gasketing, pipe protection, hearth and stoves
- Woven Tape Dimensions: Available in plain and two-ply

| Width | Thickness |
|------------|--------------|
| 1/2" to 4" | 1/16" & 1/8" |

- Alternative Finishes: Black dye or vertex coating (2000°F) (1093°C)
- Available with pressure sensitive adhesive for easy application

Flat Knit Tape Dimensions:

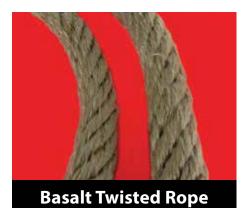
| Wid | th | Thickness |
|------|----|--------------|
| 1"to | 5″ | 1/16" & 1/8" |

 Standard Roll Length: 100 ft. or customized



Basalt Braided Rope

- Applications Include: Oven and door seals, packing channels, boilers and furnace
- Standard Rope Diameter: 1/8" to 3"
- Standard Spool Size: 25 lbs. or as requested



- Applications Include: Oven and door seals, packing channels, boilers and furnaces
- Standard Rope Diameter: 1/8" to 2"
- Standard Spool Size: 25 lbs. or as requested



Basalt Braided Texturized and Filament Sleeving

- Applications include: Pipe and hose covers, wiring, spark plug boot covers, cables, exhaust pipes
- Durable, flexible for ease of application over tight ends and fittings
- Texturized Sleeving Dimensions:

| Inside Diameter | Wall Thickness |
|------------------------|----------------|
| 1/2" to 3" | 1/16" & 1/8" |

• Filament Sleeving Dimensions:

| Inside Diameter | Wall Thickness |
|-----------------|----------------|
| 1/2" to 2" | 1/16" |

 Standard Spool Size: 25 lbs. or as requested



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Amatex Corporation

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