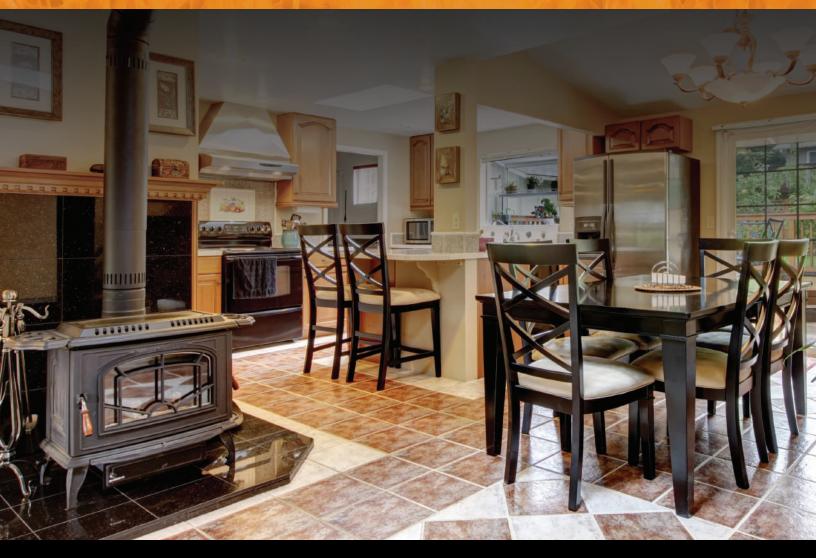


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Amatex Basalt Lava Rock Laconia Narrow Products For the Stove & Hearth Industry

HEARTHS | STOVES | BOILERS | FURNACES | OVEN DOORS | VENTS















Basalt Stove & Hearth Gaskets Products

KNIT ROPE | SQUARE KNIT ROPE | TWISTED ROPE | WOVEN TADPOLE WOVEN TAPE | FLAT KNIT TAPE | WOVEN WINDOW CHANNEL

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° (982°C). The material is spun into fibers and woven, braided or knitted into a variety of products that are inherently strong and flexible.

ADVANTAGES OF BASALT FIBER

- As Compared to E-Glass
 - ▷ Better Durability
 - Better Abrasion Resistance
 - Better Thermal Properties
 - Higher Melting Point
 - Higher Operating Temperature
 - Greater Thermal Conductivity
 - ▷ 20-25% Higher Tensile Strength
 - ▷ 10-15% Higher Tensile Modulus
 - Better Chemical Resistance
- Environmentally Friendly, Non-Hazardous and 100% Recyclable
- Non-Combustible and Fire Resistant
- Strength to Weight Ratio Exceeds Alloy Steel
- Superior Adhesion Characteristics for Coating
- Resistance to Electromagnetic Radiation

APPLICATIONS

- Gas Fire Places:
 Vented and Vent Free
- Wood Stoves
- Biomass Wood Stoves
- Outdoor Applications
- Cook Stove Ranges
- Coal Stoves
- Pellet Stoves
- Oil Stoves
- Gas Stoves
- Boilers
- Furnaces



Basalt Knit Braided Rope

- Applications include: wood, pellet and coal stoves, ovens, boilers and furnaces
- Available in two densities: low and medium
- Diameters 3/16" to 1-1/2"
- Square Knit Rope: OD 3/8" to 1-1/4"
- Available with pressure sensitive adhesive for easy application
- Packaged in 34 lb. boxes or spools



Basalt Twisted Rope

- Applications include: oven and door seals, packing channels, boilers and furnaces
- Temperature to 1200°F (649°C)
- Rope Diameters 1/8" through 2"
- Packaged in 25 lb. spools or as requested

Basalt Flat Knit Tape

- Applications include: alternative knit sealing product for stove and window channels
- Soft and pliable with unique knit construction designed for 90° folds
- Standard Flat Knit Tape

Thickness	Width
1/6″ 1/8″	1/2" 5/8" 3/4" 1"
Std. put up 100 ft.	Custom as required

 Available with pressure sensitive adhesive for easy application



Basalt Woven Tadpole Gaskets

- Applications include: seals for oven doors, wood, gas and coal stoves, direct vent fireplaces, boilers and furnaces
- Very flexible for easy installation
- Standard Tadpole Gaskets

Bulb Thickness	Tadpole Width	Tail Thickness
9/32" to 1/2"	1" to 2 ½"	1/16″

- Available with pressure sensitive adhesive for easy application
- Packaged in 35 lb. boxes or spools ٠



Basalt Woven Window Channel Gaskets

- Applications include: grooved channel for glass windows and stove applications
- Standard Channel Gaskets

Thickness	Width
1/6″ 1/8″ 3/16″	1/2" 3/4" 7/8" 1" or custom

- Available with pressure sensitive adhesive for easy application
- Packaged in 25 lb. boxes or spools



Amatex Corporation

P.O. Box 454, 253 Darco Drive, Independence, VA 24348 USA T: 1-276-773-2711 • F: 1-276-773-0208 • www.DavlynGroup.com

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