

GRM FRP Pipe Liners & Wear Pads

BENEFITS

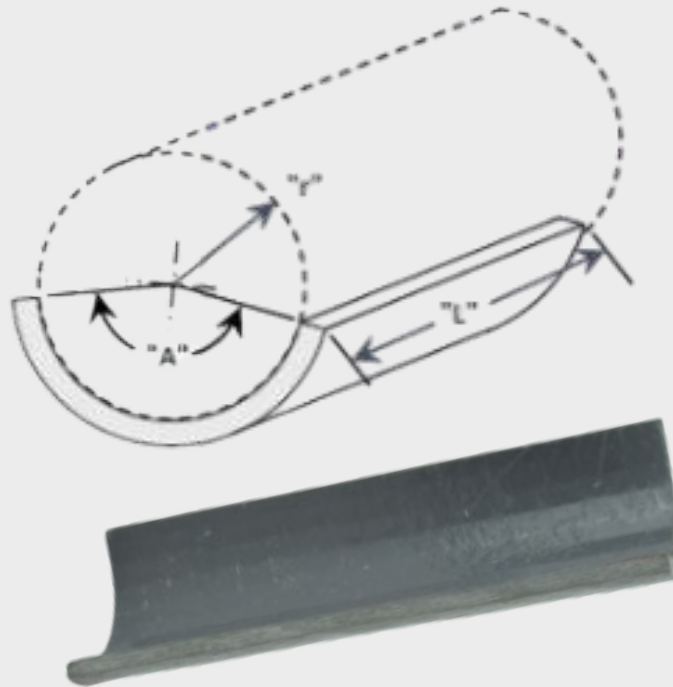
Suitable for a wide range of applications

Fabricated to your project specifications

Manufactured in America.

SPECIFICATIONS

*Epoxy Adhesive Kits Available: Applicator Gun, Adhesive Cartridge, & Static Mixing Nozzles



DESIGN DATA

OPERATING TEMPERATURE
-67° to +400° F

UV Resistant

Class 2 flame spread per ASTM E84

Typically installed with epoxy adhesive*

Available in flat sheets, cut to size, or as pipe liners per the table below

Typical Physical Properties:

| Property | Value | ASTM |
|-------------------|------------|-------|
| Tensile Strength | 19,000 psi | D638 |
| Tensile Modulus | 1,700 kpsi | D638 |
| Flexural Strength | 30,000 psi | D790 |
| Flexural Modulus | 1,200 kpsi | D790 |
| Specific Gravity | 1.17 | D792 |
| Barcol Hardness | 40 | D2583 |

Typical Pipe Liner Dimensions: (custom sizes are also available)

| Pipe Size | Radius "r" | Angle "A" | Length "L" | Liner Thickness |
|-----------|----------------|-----------|------------|-----------------|
| 1/2" | 7/16" | 90° | 12" | 1/4" |
| 3/4" | 9/16" | 90° | 12" | 1/4" |
| 1" | 5/8" | 90° | 12" | 1/4" |
| 1-1/4" | 7/8" | 90° | 12" | 1/4" |
| 1-1/2" | 1" | 90° | 12" | 1/4" |
| 2" | 1-3/16" | 90° | 12" | 1/4" |
| 2-1/2" | 1-7/16" | 90° | 12" | 1/4" |
| 3" | 1-13/16" | 90° | 12" | 1/4" |
| 3-1/2" | 1-3/4" | 90° | 12" | 1/4" |
| 4" | 2-1/4" | 90° | 12" | 1/4" |
| 5" | 2-13/16" | 90° | 12" | 1/4" |
| 6" | 3-5/16" | 60° | 12" | 1/4" |
| 8" | 4-5/16" | 60° | 12" | 1/4" |
| 10" | 5-3/8" | 60° | 12" | 1/4" |
| 12" | 6-3/8" | 30° | 12" | 1/4" |
| 12"-20" | Pipe Size X .5 | 30° | 12" | 1/4" |
| 24"-48" | Pipe Size X .5 | 30° | 12" | 3/8" |

*Epoxy Adhesive Kits Available:

Applicator Gun
Adhesive Cartridge
Static Mixing Nozzles

Request a quote: sales@grmcp.com

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Design/specification help: eng@grmcp.com

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