

# **GRID-GUARD PLUS™**

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## **Rock Shield**

**The ultimate heavy-duty  
protective shield for  
coated metallic pipes.**

**GRID-GUARD PLUS™ is an extruded polyethylene mesh laminated to polypropylene fabric which acts as a protective shield for coated metallic piping in construction applications:**

- **Safely protects soft coatings during backfill operations.**
- **Protects underground pipes in case of soil shifting.**
- **Provides a barrier when pipe is being laid in trenches.**
- **Its relative light weight makes it easy to install.**
- **Maintains flexibility even at lower temperatures.**
- **No dielectric properties to block cathodic protection.**

***See the other side for details and product specifications.***

**JDR Enterprises, Inc.**

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# **GRID-GUARD PLUS™ offers the heavy-duty protective layer required for coated metallic pipes during the trenching, pipe-laying, and backfilling operations.**

GRID-GUARD PLUS™ is an extruded polyethylene mesh laminated to a polypropylene fabric that acts as a protective shield for coated metallic pipes. It has no dielectric properties to block cathodic properties and its flat surface won't damage soft pipe coatings. It is easy to cut and shape and maintains its flexibility even at lower temperatures.

## **ADVANTAGES:**

- PROTECTION is provided to pipe coatings in any number of in-the-field situations: for example, from rocks or other sharp materials in the trench, when materials are being backfilled into the trench, and during times when re-excavation is required.
- LIGHT WEIGHT when compared to alternative forms of protection, an entire roll weighs only 120 lbs.
- FLEXIBILITY makes this material easy to work with, even in lower temperatures and wet weather conditions, with no loss in its excellent cushioning characteristics.
- AVAILABLE through a network of distributors, GRID-GUARD PLUS™ is manufactured in rolls 5 and 6 feet wide by 100 feet long. (If you need custom lengths, check with JDR Enterprises as to your requirements.)

## **SPECIFICATIONS:**

| <i>Property</i>      | <i>Test Method</i> | <i>Value</i> |
|----------------------|--------------------|--------------|
| Color                | —                  | Black        |
| Thickness            | ASTM D-1777        | .26 inch     |
| Compressive strength | ASTM D-1621        | 25,000 psf   |
| Polymer              | —                  | Polyethylene |

### *Impact Resistance—ASTM G-14*

| <i>Pipe Coating Type</i> | <i>Holiday @</i> | <i>With Grid-Guard II™ (No Holiday @)</i> |
|--------------------------|------------------|---|
| Fusion bond epoxy        | 50 in/lb         | 168 in/lb*                                |
| Coal tar enamel          | 50 in/lb         | 168 in/lb*                                |
| Extruded polyethylene    | 75 in/lb         | 168 in/lb*                                |

\*ASTM apparatus maximum

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