

GRID-GUARD™

Rock Shield

The ultimate protection for coated metal pipes.

GRID-GUARD™ is an extruded polyethylene mesh material which acts as a shield that safely protects coated piping in a number of construction and site applications:

- **Protects pipe coating during backfilling.**
- **Safeguards coatings in the event of soil shifting.**
- **Forms a barrier against rocks or other sharp objects when piping is being laid in trenches.**
- **Flexible, relatively lightweight, and easy to install.**
- **Maintains flexibility even at lower temperatures.**
- **Durable without any loss in cushioning characteristics.**
- **No dielectric properties to block cathodic protection.**

See the other side for details and product specifications.

JDR Enterprises, Inc.

Website: <http://www.j-drain.com>

292 South Main Street • Suite 200 • Alpharetta, GA 30004-1950

1-800-843-7569 • 770-442-1461 • Fax 770-664-7951

GRID-GUARD™ offers logical solutions to the problems of maintaining pipe safety and long-term integrity while trenching, laying pipe, and backfilling.

GRID-GUARD™ provides solutions to problems that arise during the installation of coated metallic pipes. Its durable polyethylene mesh is easy to install, yet its flat surface won't damage soft coatings around the pipe. Weighing less than one-quarter pound per square foot, 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 affords relatively easy movement around the site and makes it easy to wrap around pipes. An entire roll weighs only 80 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™ is manufactured in rolls 2, 2.5, 3, 4, 5, and 6 feet wide by 100 feet long. Custom lengths are available by arrangement with JDR Enterprises.

SPECIFICATIONS:

<i>Property</i>	<i>Test Method</i>	<i>Value</i>
Color	—	Black
Thickness	ASTM D-1777	.16 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™ (No Holiday @)</i>
Fusion bond epoxy	50 in/lb	168 in/lb*
Coal tar enamel	50 in/lb	168 in/lb*
Extruded polyethylene	50 in/lb	168 in/lb*

*ASTM apparatus maximum

All information contained herein is offered as suggestions for customers' consideration, investigation, and verification only. JDR Enterprises, Inc. does not warrant or assume any liability for use of its products. Determination of suitability and fitness of a particular product or application for a specific use is the sole responsibility of the customer. JDR Enterprises, Inc. makes no representation or warranty of merchantability or fitness for a particular purpose and all products are sold subject to the standard terms and conditions of sale of JDR Enterprises, Inc.