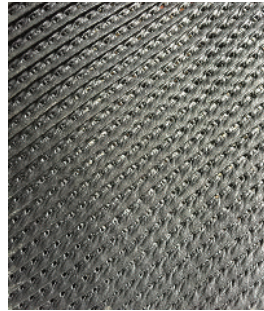


# RockGuard® HD

## PIPELINE PROTECTION MESH

### PRODUCT DESCRIPTION / TECHNICAL DATA



**ROCKGUARD® HD Rock Shield Pipeline Protection Mesh is a three dimensional bi-planar extruded diamond structured mesh manufactured from polyethylene.** It offers a consistent thickness throughout the width of each roll or pad to provide full protection to your pipeline during backfill operations, and after installation, prohibiting geologic movements from damaging the pipe and minimizing holidays that cause corrosion.

**ROCKGUARD® HD** is flexible for easy handling, even at low temperatures. Chemically inert, **ROCKGUARD® HD**, will not rot and the open mesh design allows water to flow freely over and off the pipeline. **ROCKGUARD® HD** aperture design ensures that cathodic protection is not inhibited.

#### SIZE & PACKAGING

Custom cut rolls or pads.

PHYSICAL PROPERTIES		DIMENSIONAL CHARACTERISTICS	
Structure	Diamond Mesh	Width	up to 6'
Polymer	Polyethylene	Length	Custom to fit pipe
Color	Black	Thickness	0.44" (11mm)
		Weight	0.34 lb /ft <sup>2</sup>
		Aperture Size	0.16" x 0.16" nominal

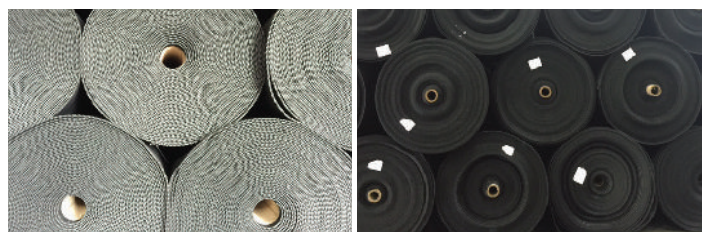
TECHNICAL CHARACTERISTICS				
MEASUREMENT	TEST METHOD	UNITS	MD RESULTS	TD RESULTS
Elongation @ Max. Strength	ASTM D 4595	%	103	91
Tensile Strength	ASTM D 4595	lbs/in	41	44
Tear Resistance	ASTM D 624	lbs	15.9	17.3
Low Temperature Brittleness	ASTM D 2136 MOD (-50C)	Pass/Fail	PASS	PASS
Compressive Strength	ASTM D 1621 MOD	psi	68.0 @ 50% Deformation	
Impact Strength	ASTM G14	in-lbs	127.1	
Melt Temperature	ASTM E 793 / E794		253.4°F / 123°C	
Cathodic Protection	Custom		No inhibiting effect	



#### PROTECTION ENGINEERING

2201 HARBOR STREET, STE C  
PITTSBURG, CA 94565

925.427.6200  
www.corrosioncoatings.com



All the above information is given in good faith, but the figures are typical values only and should not be taken as a guarantee of performance. Manufacturing tolerances for dimensional and technical characteristics apply and are available upon request. The company reserves the right to improve the product and adjust the specification without notice.