

# UCC RockShield Mesh

An integral armouring component for all types of pipeline coatings, providing long term mechanical protection for coatings in a multitude of environments.

<b>Description</b>	UCC RockShield Mesh is an armouring pipe mesh which can be used to protect a variety of pipeline coatings. UCC RockShield Mesh is manufactured from HDPE resins and exhibits outstanding resistance to bacterial and chemical attack. UCC RockShield Mesh is manufactured with a high strength 'diamond' aperture which results in tremendous resistance to tear forces.
<b>Uses</b>	UCC RockShield Mesh provides assured protection to pipeline coatings against impact damage and additionally heightens resistance to soil stresses.
<b>Features</b>	<ul style="list-style-type: none"> <li>- High-performance 'diamond' aperture design</li> <li>- Designed for toughness and durability</li> <li>- Cut to size service provided for specific pipe diameters</li> <li>- Does not inhibit CP current flow, no risk of 'shielding'</li> <li>- Accommodates low and high temperature extremes</li> <li>- Accommodates substrate vibration easily</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>- Cut mesh to desired pipe circumference + 100 mm / 150 mm.</li> <li>- Fit cut mesh to pipe, if necessary secure temporarily in place with UCC Premium Duct Tape.</li> <li>- Secure mesh to pipe circumference with UCC Poly Strapping and Buckle System.</li> <li>- Place UCC Poly Strapping and Buckle System on approximately 500mm centres to eliminate potential for 'bowing' between strapping placements.</li> </ul>

Properties	Test Method	Value
Thickness		3.2 mm
Weight		950 g/m <sup>2</sup>
UV Stabilisation		1.5 - 2.0% Carbon Black content
Profile ( <i>Diamond</i> Aperture)		5 mm x 5 mm Aperture
Tensile Strength	ISO 10319	8.9 kN/m
Elongation at Break		> 25%
Impact Strength	ASTM G14	3.23 m.kg
Application Temperature		0°C to 50°C
Service Temperature		0°C to 110°C
Excursion Peak Temperature		120°C

Product Packaging			
Roll Width (mm)	Roll Length (m)	Unit / Carton	Carton Weight (kg)
1500	30	1	43

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