

Rockshield Pipe Protection Mesh

Rockshield meshes are manufactured from high density polyethylene, and are designed to act as a shield against impact damage from rocks during backfilling, ensuring the protective coatings on the pipes are not damaged. Rockshield meshes can be used where metallic pipes are installed in rocky terrain, or in areas where soil movement is a possibility.

The polyethylene mesh can incorporate a blowing agent to produce a strong cellular cushioning structure offering maximum protection against rock impact damage during backfilling operations and protruding rocks in the trench. Chemically inert, the mesh will not rot and the open mesh structure allows water to flow around the pipe ensuring cathodic protection is not affected.

- High resistance to compression, tearing and wearing
- Adaptable to all pipeline sizes
- Chemically inert
- Light, flexible and easy to install in 3 different ways
- Durable without the loss of the cushioning characteristics
- Unaffected by temperature extremes and wet weather
- Maintains cathodic protection without inhibiting cathodic flow



Various grades of mesh are offered to produce a range of solutions to meet the most demanding conditions. A wide range of alternative grades can be manufactured to your specification subject to a minimum order quantity. Rockshield mesh can be manufactured in various roll sizes and cut pieces, with widths up to 2.5m wide and in various lengths. Custom mesh structures and roll sizes can be manufactured to suit individual requirements subject to minimum order quantities.

Technical Specifications

Product	Roll Size (m)	Roll Size (Feet)	Unit Weight		Colour	Max pipe diameter for longitudinal wrapping	
			g/m ²	lb/ft ²			
BRS 1, 2	1.5 x 20	4.9 x 65.6	750, 950, 1200	0.154, 0.195, 0.246	Black	430mm	16.9 in.
BRS 3	1.0 x 20	3.28 x 65.6	1200	0.246	Black	270mm	10.6 in.
BRS 5, 6, 7	2.0 x 24	6.5 x 78.7	1200, 950, 750	0.246, 0.195, 0.154	Black	585mm	23 in.
BRS 11	1.0 x 30	3.28 x 98.4	600	0.123	Black	270mm	10.6 in.
BRS 12	1.54 x 30.48	5 x 100	560	0.115	Black	440mm	17.3 in.
BRS 13	1.84 x 30.48	6 x 100	560	0.115	Black	535mm	21 in.
BRS 15	1.65 x 20	5.4 x 65.6	950	0.195	Black	475mm	18.7 in.

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