

PROTECTAMESH™ HD
Rockshield

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Product Data Sheet

Composition:

Low density polyethylene, diamond mesh with carbon black and blowing agent.

Mesh Mechanical properties (Mean values)

Tensile Strength (MD)	ASTM D4595	kg/m	796
Elongation @ max strength (MD)	ASTM D4595	%	139
Elongation @ max strength (TD)	ASTM D4595	%	110
Tear strength (MD)	ASTM D624	kg	6.8
Tear strength (TD)	ASTM D624	kg	7.35
Impact strength	ASTM G14 (spherical)	kg	7.94
Impact resistance	ASTM G13 (MOD)		No failure at 6" rock
Compressive strength	ASTM D1621 (MOD)		90 psi at 50% reduction
Cathodic protection			No inhibiting effect

Physical properties (Typical values)

Thickness		mm	10
Mesh Count			28 in 20cm
Weight per m ²		g	1550
Aperture size		mm	4 x 4

Roll dimensions

Roll Width		m	1.22, 1.53, 1.83
Roll length		m	As required

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