

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

Tensile Strength (MD)	ASTM D4595	kN/m	≥7.8
Elongation @ max strength (MD)	ASTM D4595	%	≥139
Elongation @ max strength (TD)	ASTM D4595	%	≥110
Tear strength (MD)	ASTM D624	N	≥66
Tear strength (TD)	ASTM D624	N	≥72
Impact strength	ASTM G14 (spherical)	N	≥78
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	11
Mesh Count			28 in 20cm
Weight per m ²		g	1675
Aperture size		mm	4 x 4

Roll dimensions

Roll Width		m	1.83
Roll length		m	30

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