

Denso Stoneguard 750

A tough and flexible protective mesh

Composition

Denso Stoneguard 750 is comprised of an expanded high-density polyethylene mesh.

Uses

Denso Stoneguard 750 is a flexible armouring which provides additional mechanical protection for coatings on metal pipelines where they are laid in rocky ground or where the desired backfill is not available. Its diagonal mesh construction provides flexibility for easy application whilst ensuring maximum protection of the pipe coating against impact or indentation when backfilling.

Characteristics

Denso Stoneguard 750:

- absorbs impact of uneven backfill,
- protects pipe coating from protruding rocks in the trench,
- minimizes abrasion of coating from pipe movement underground,
- protects pipe during future excavations,

- remains unaffected by temperature extremes and wet weather, and
- maintains cathodic protection without inhibiting cathodic flow.

Application

See *Instructions for Use* for additional detail.

Availability

Denso Stoneguard 750 is available in 1.65 m x 12.5 m rolls, (diameter 0.5 m, weight 21 kg).

Other sizes may be available on request.

Storage conditions

Store in a cool and dry place in original packaging. Wrapped pipe/fittings should not be left exposed to direct sunlight for longer than fourteen (14) days.

Waste material

Please avoid or minimise waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

Typical Properties

Structure	Diamond
Polymer Type	HDPE
UV Stability	Carbon Black
Thickness	4.5 mm ±1 mm
Mesh Size	5.5 x 6.5 mm
Unit Weight	750 g/m ²
Crystalline Melting Range	120°C - 130°C
Impact Resistance	>9 Joules
Breaking Strength MD	165 N/25 mm
Breaking Strength TD	70 N/25 mm

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