

**FLEXIBLE, LIGHTWEIGHT, ROT PROOF, ECONOMICAL,
CHEMICALLY INERT**



Rockshield

- Economic. Eliminates the need to import back fill to site, and reduces movement of dug material thus reducing waste and vehicle movements on site.
- Easy to use method of protecting pipelines from impact damage when backfilling with excavated material on site.
- All are impact resistant
- Ensure continuity of cathodic protection.
- Compatible with all pipe coating finishes; Polyurethane, Epoxy, Concrete etc..
- A range of thicknesses and densities available
- Suitable for pipe wrapping, pads, and cushions under concrete weights

The Trenchwrap range consists of a range of thicknesses to suit different applications. Rolls can be easily applied and fixed by hand.

An essential pipeline component in backfilled trenches. Manufactured in Europe, this simple durable technology gives peace of mind on site.

Trench Wrap is manufactured to a Quality System which has been assessed and registered in agreement with ISO 9001:2000 Standard

This document is Trenchwrap PDS Issue1.2011

Engineered protective rockshield meshes for pipes and services

TEST DATA

STANDARD GRADES: Supplied in rolls or pads					
GRADE	Thickness mm	Weight KG/M ²	Tensile Strength KN/M	Elongation at break %	Material Type
6/1200	6	1.2	6.0	50	HDPE
9/1800	9	1.8	10.0	60	HDPE

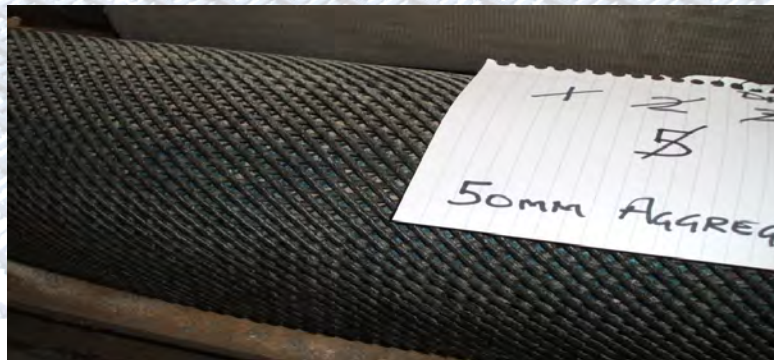
6/1200 is a 2 strand HDPE rhomboidal mesh with an aperture size of 6.6 x 6.0 mm, whilst 9/1800 is a 3 layer mesh with an aperture of 10 x 8.3 mm.

ASTM G13

GRADE

NO DAMAGE TO PIPE COATING

Trenchwrap 9/1800



AGGREGATE TYPE

50mm / 2"
Hard Limestone

DATE of TEST: 26th February 2010

LOCATION of TEST: Saint Gobain PAM UK,

PIPE TYPE: 6" dia epoxy coated steel pipe

TEMP.: 6 C

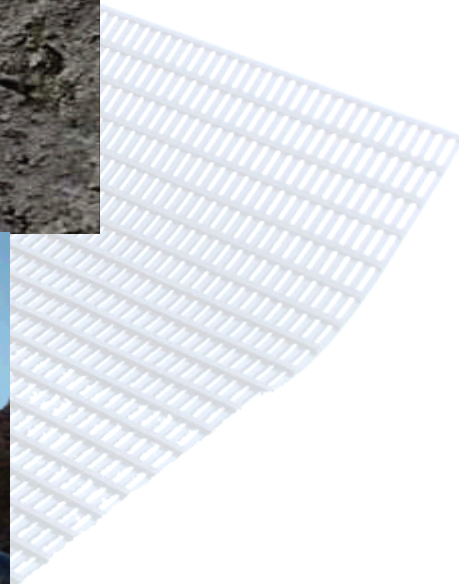
21.3 KG of 50 mm hard limestone was dropped on to a section of pipe covered in the Trenchwrap 5 times in a standard ASTM G13 test rig. The surface was analysed and photos taken after each drop.

After 5 drops some slight scuffing was noticed on the top face of the mesh, but no strands were broken, and no damage was recorded on the epoxy coating.

NOT CUTTING QUALITY, JUST CUTTING YOUR COSTS

GRADE	% Residual Thickness at 10KG/cm ²	Impact Resistance KG x cm
6/1200	70	95
9/1800	85	100

Trenchwrap can be fitted as a Longitudinal, Circular, or Spiral Wrap



In Service Worldwide



Technical details are given in good faith as typical values and should not be taken as a guarantee of performance on site. We reserve the right to make continuous improvement to the products, and customers are advised to check current specification when ordering.