



# Tapecoat®

## Technical Data Sheet

**DESCRIPTION**

Tapecoat Terra Shield® is a 0.4" thick, tough, resilient, perforated protective membrane applied over the pipeline coating to protect the integrity of the coating from damage or abrasion from handling, backfill and soil stress. Terra Shield protects the pipe coating by isolating and cushioning the pipe from abrasives, rock, debris and destructive backfill while allowing the cathodic protection system to maintain an uninhibited current flow. Terra Shield is made up of a 3/8" closed cell polyethylene foam with 1/4" perforations 1 1/4" on center to enhance the function and free flow of the cathodic protection system. A 25 mil heavy duty polyethylene outside layer is heat fused to the Terra Shield® foam base providing even greater mechanical strength.

**SUBSTRATE COMPATIBILITY**

Any protective coating in need of additional mechanical protection

**RECOMMENDED USE**

Ideal for protecting coatings in high soil stress areas or in the presence of rocky, abrasive backfill.

**SURFACE PREPARATION**

None Required. Terra Shield is a mechanical protective overwrap, not a corrosion preventative coating.

**SAFETY**

Refer to Material Safety Data Sheet: MSDS-Terra-Shield

**APPLICATION**

Refer to Application Guidelines: AG-COLD-APPLIED-ELASTOMERIC-TAPE, AG-COLD-APPLIED-ELASTOMERIC-TAPE

### TYPICAL DATA

Property	US Customary	Metric
Color	Black	Black
PE Outer Layer Thickness	25 mil	0.64 mm
Foam Thickness	3/8"	9.53 mm
Service Temperature Range	-40°F to 250°F	-40°C to 121°C

### ORDERING INFORMATION

Roll Size	Coverage per Roll	Weight
5' x 140'	7 SQ (700 ft <sup>2</sup> )	120# per Roll

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