

Case Study

Protection of Gas pipeline
between concrete saddle
weights and pipeline

Project: Loop from station PC1-PC3 GEM Pipeline
Contractor: Sonatech, Algeria
Specifier: Sonatech, Algeria
Product: PROTECTAMESH ROCKSHIELD BRS 3

PROJECT

Loop from Station PC1 - PC3 of GEM pipeline, Algeria Loop length 293Kms, Pipe Diameter 48".

During 2004 work was carried out on the existing pipeline (gas) running from HASSI R'MEL, the biggest gasfield in Algeria, to Italy via Tunisia and Sardinia.

The project involved the looping of the GEM (Gazoducs Enrico Mattei) pipeline to improve the transport of gas and to increase the capacity.

SOLUTION

The route of the pipeline was through very unstable ground and to ensure that the pipe did not move once in place, concrete saddle weights were placed over the top. In order to prevent the concrete weights from damaging the pipe during installation and whilst underground, cut pieces of PROTECTAMESH ROCKSHIELD mesh were placed as a cushion between the pipe and the concrete weights.

Product: BRS 3
Roll size: 1m x 24m
Material: Blown HDPE
Mesh Weight: 1,200g/m²



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