

# Project Hartenstein, Bayernwerk AG: High Pressure Pipeline

## Project data

Project description:	Connection of the industrial customer Eckart GmbH to the 16 bar Bayernwerk AG gas grid. New construction of a natural gas pipeline from 92275 Hirschbach to 91235 Hartenstein
Challenges:	Over a period of 11 months, 6.5 km of new high pressure gas pipeline had to be planned and installed in different soils and routes.
Solution:	Flexible high pressure gas pipeline made from polyethylene with protective coating; These permit site-compliant delivery on drums. The protective coating enabled the pipeline to be installed using a time-saving trenchless method
Installation:	Installation without sand bed with an open method Ploughing and milling technique Horizontal directional drilling
Pipe system:	egeplast HexelOne® SLM for gas, SDR 11 for 16 bar operating pressure 3.320 m 160 x 14,6 mm; 3.120 m 110 x 10,0 mm
Parties involved in the project:	Client: Bayernwerk AG, Regensburg Planning: Bohn Ingenieure, Bayreuth Construction: Markgraf Bauunternehmung, Bayreuth

