



Taper/Taper adhesive-bonded joint



## Fly Ash Slurry Line using Bondstrand® 3416 GRE pipe

The Bondstrand GRE pipelines will be transporting 60 m<sup>3</sup>/h fly ash slurry from the coal production plant to the slurry disposal site. Three parallel Bondstrand GRE pipelines will be installed. Two pipeline will transport the fly ash slurry, one pipeline will transport used water. 300 meters of each pipeline will be installed on a pipe bridge while the remaining 700 meters of each line will be buried.

### Features & benefits

#### Corrosion resistance

Bondstrand pipe is not susceptible to corrosion when in contact with acidic ash, which causes steel pipe to rust through.

#### Internal abrasion resistance

Erosion from abrasive ash is minimal for Bondstrand GRE. Steel pipe requires periodic replacement due to the combined corrosion and abrasion.

### Advantages

Reduction in installation costs and time:

- Long-term service life - 30 years typical
- Abrasion resistant
- Corrosion resistant
- UV resistant
- Maintenance free
- Light weight material

### Project

Ash slurry transport hydro mixture, Kolubara Prerada, Vreoci, Serbia

### Client

EPS – Electric Power Industry of Serbia

### Pipe system

Bondstrand 3416 with Taper/Taper adhesive-bonded joints

Diameter: 4 inch (100 mm)

Quantity: 3000 m

### Operating conditions

Operating pressure: 12 bar

Design pressure: 16 bar

Test pressure: 24 bar

Operating temperature: Ambient

Design temperature: Ambient

### Installation date

October, 2007