



Key-Lock® mechanical joint



Condensate and Crude Oil line using Bondstrand® GRE pipe

“Surgutneftegas” share in overall Russian oil production has risen from 11% to 13% of late, which is close to 1 million bpd. It was “Surgutneftegas” who was the first among the Russian peers to come out of the recession that had struck the oil industry in the late eighties/early nineties and start to increase oil production.

Scope of supply

Fiberglass pipe and fittings with Key-Lock mechanical joints. The Key-Lock joint: a self-restrained, mechanical joint with O-ring seal and locking keys. Easy to install even under Siberian conditions.

Advantages

- Reduction in installation costs and time
- Expected long term service life 30 years
- Corrosion resistant
- Maintenance free
- Light weight material

Project

Fyodorovskneft Oil and Gas Production Department (OGPD) – Well Cluster 194

Client

“OJSC” Surgutneftegas, City of Surgut - Russian Federation

Pipe system

Bondstrand 3400 with Key-Lock mechanical joints
 Diameter: 20 and 28 inch (500 and 700 mm)
 Quantity: 2.000 meter (20 inch) and 4.000 meter (28 inch)

Operating conditions

	20 inch	28 inch - 2007
Operating press.:	16 bar	16 bar
Design pressure:	16 bar	20 bar
Test pressure:	20 bar	25 bar
Operating temp.:	50 °C	50 °C
Design temp.:	93 °C	93 °C

Installation date

2006 and 2007