

## MATERIAL VERIFICATION/DATA SHEET STENCA PENETRATION SEAL

### Application:

Stenca Penetration Seal is developed to accommodate fire and blast conditions, and provide protection against hazard environments such as those experienced offshore. The Stenca Penetration Seal systems are designed to address relative movements between pipe and sleeve, hydrocarbon and cellulosic fires, blast overpressure and the most onerous hazard of all, jet fire.

### Facing:

The Stenca Penetration Seal consist of an inner layer Standard Firetex Seal Layer covered with a layer of ceramic fibre blanket. Each Penetration Seal Kit will comprise the Penetration Seal, 316 SS worm drive clips and sealant.

### Available Fire Rates:

From A0 & H0, A60 up to H120, and J60 & J120.

### Density:

Density depends of fire rates.

### Blast overpressure:

Stenca Penetration Seal has been proven to withstand blast overpressures up to 1.36 bar g.

### Sizes:

Stenca Penetration Seals are manufactured to suit and supplied in straight lengths with ends prepared for jointing. The products are made after customer specification and can be delivered in almost all sizes.

### Certification and quality control:

The Stenca Penetration Seal is manufactures with strict quality control procedures and practices in accordance to requirements of ISO 9001-2008. All products have been tested and achieved necessary certification.

### Technical Data:

<u>Pipe Diameter</u>	<u>Standard Seal, Length A</u>
up to 100 mm , 4" NB	150 mm
125 mm to 250 mm, 5" NB to 10" NB	200 mm
300 mm and larger, 12" NB and larger	250 mm
<u>Sleeve Diameter</u>	<u>Standard Clipping, Length B</u>
up to 300 mm, 12" NB	25 mm
350 mm and larger, 14" and larger	45 mm