

# Best Engineering (Service Division) Ltd

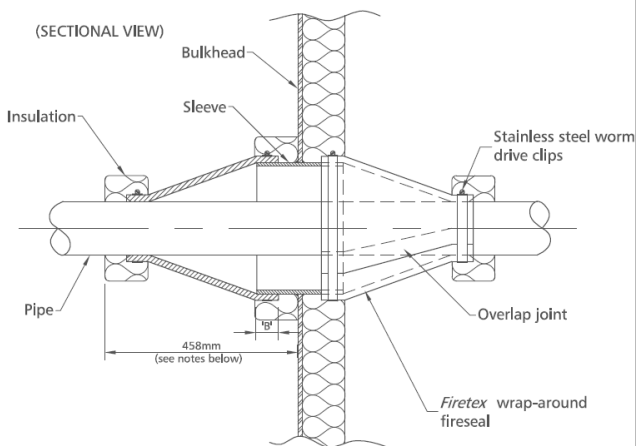
## Pipe Penetration Fire Seals

We supply flexible and rigid passive fire protection systems, direct from specialist manufacturers who have extensive experience in the design, construction and installation of fire seals and fireproof enclosures. Their pipe penetration seals are in use across the globe throughout the oil, gas, petrochemical and refining industries, and have a reputation for reliability and longevity.

Firetex seals and enclosures, and their metallic enclosure systems, are multi-component systems made up from high temperature resistant cloths, glass cloths, insulation felts and blankets, metal foils, silica-aerogel panels and high grade stainless steels. These products utilise a patented Silicate fibre formulation which enhances solubility characteristics in the human body.



### Typical Bulkhead Firetex Pipe Penetration Seal System A60 – H120



To provide protection against harsh environments such as those experienced offshore, these flexible systems are manufactured with a tough silicone coated glass cloth which has been tested to DIN53436H.

The seal and enclosure systems are independently tested following the hydrocarbon fire time vs. temperature curve for a period of two hours in accordance with the Department of Energy Specification - Issue 1: 1990, adopting the appropriate procedures of the exchange of notes and the International Conference on the Safety of Life at Sea (SOLAS), as amplified by the International Maritime Organisation (IMO). Throughout testing, the systems have maintained their integrity, stability and insulation properties and accordingly carry certification issued by either Lloyds Register or Det Norske Veritas.

In addition to fire testing, the Firetex range of penetration seal systems has been subjected to independent blast over-pressure testing and has proved its ability to maintain stability and integrity in blasts of up to 1.35 bar g.

Following the establishment of an internationally approved test methodology, the systems have been subjected to jet fire testing and carry further approvals up to J120. The testing is carried out in accordance with the international standard BS ISO 22899-1:2007, formerly governed by the HSE test standard OTI 95 634.

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