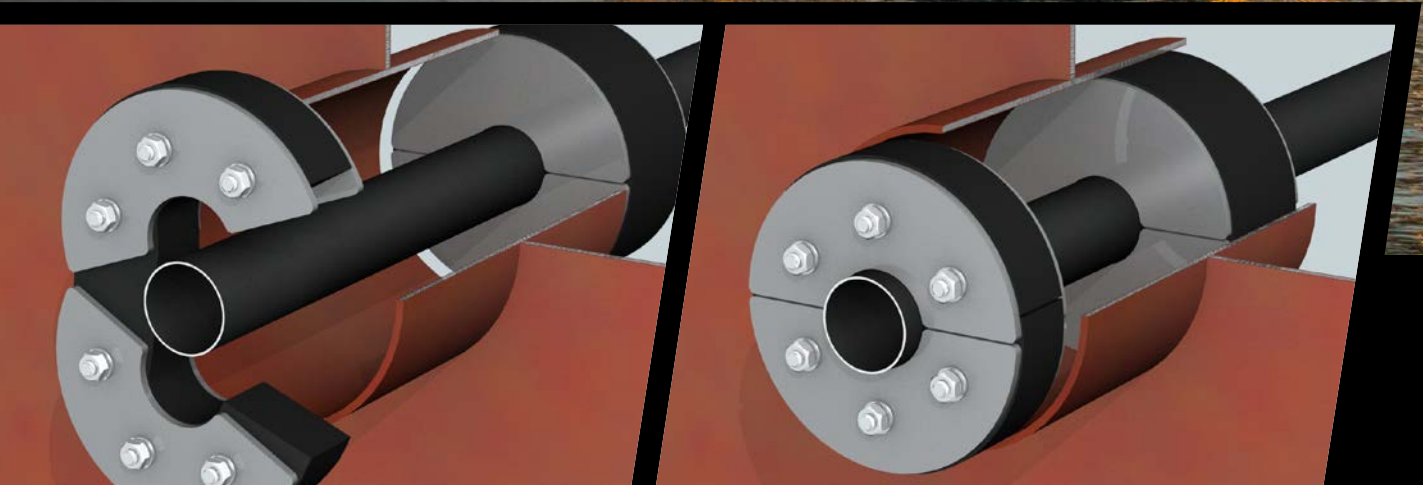


# H.P.S. Fire seal



The ultimate fire resistant sealing system for pipe penetrations.



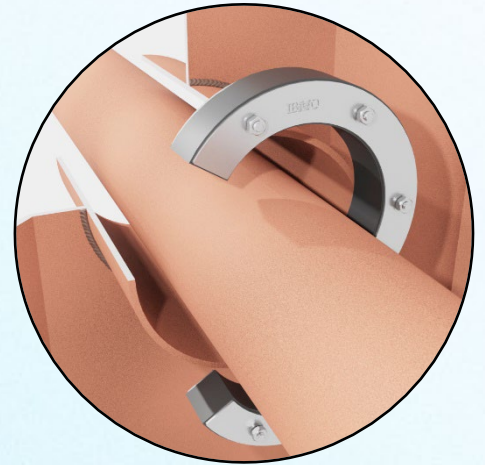
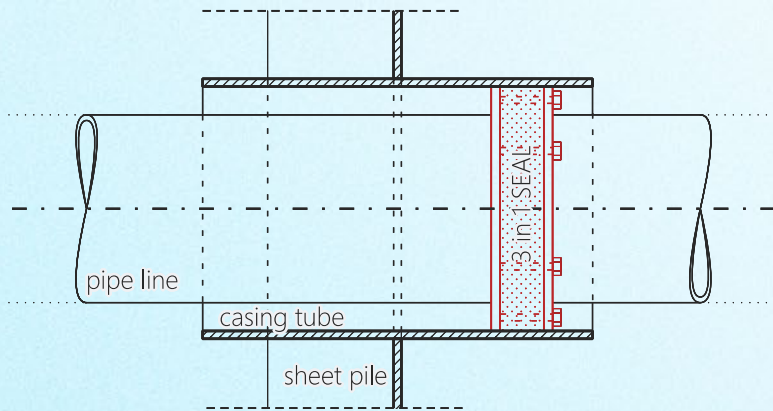
IMO A754(18) A0-A60



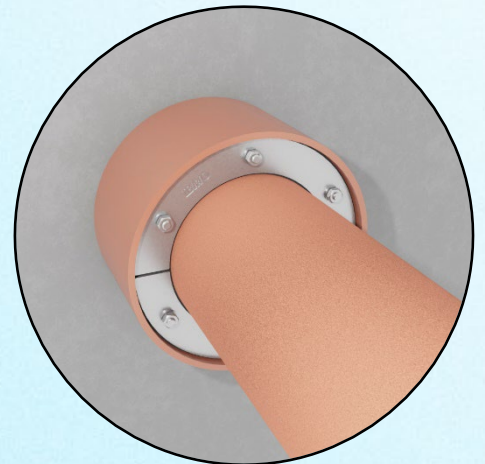
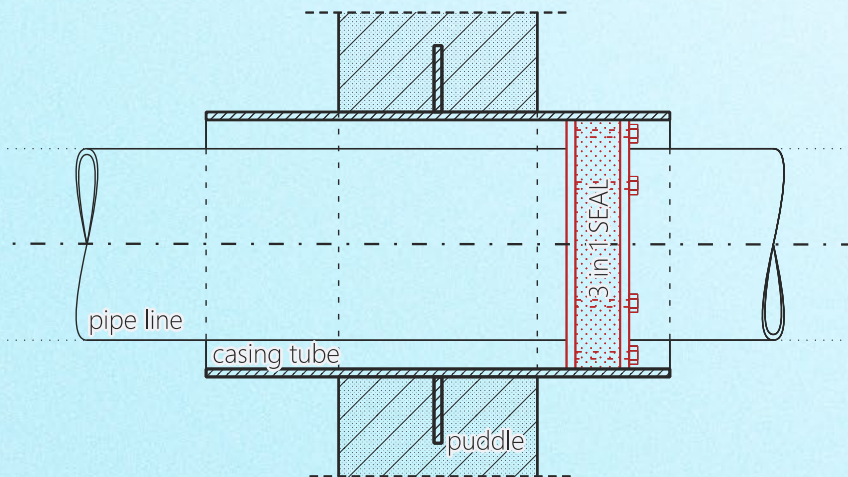
## 3 in 1 seal<sup>®</sup>

*The complete Seal for*  
Industry & Tank terminals

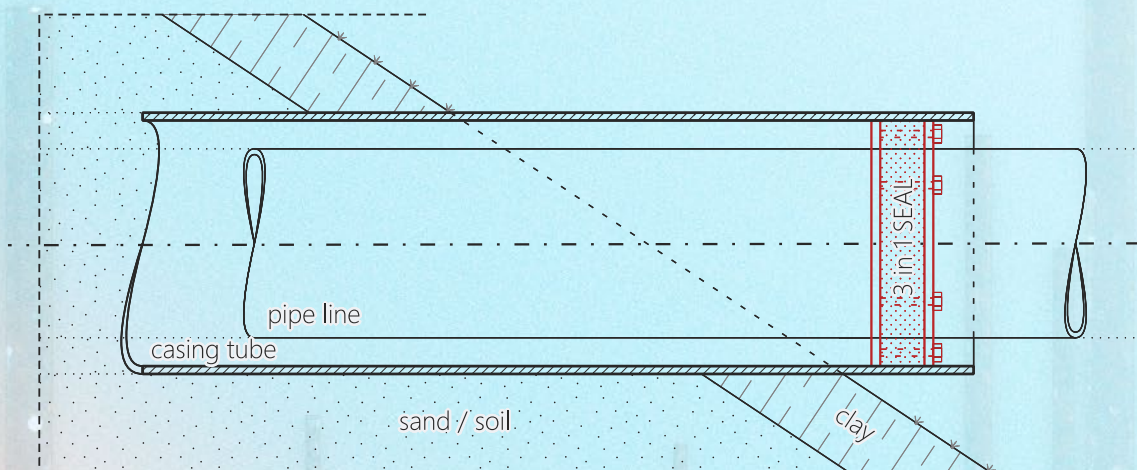
## 3 in 1 FIRE SEAL



**Steel**



**Concrete**



**Dike**

## 3 in 1 FIRE SEAL

### For Industry & Tank Terminals

The 3 in 1 Fire Seal meets all the requirements of the PGS 29 standard for penetrations, the seal is:

1. Fire resistant for 120 minutes
2. Liquidtight & pressure tight
3. Chemical resistant



*\*\* Figure 1. Seals installed in steel sheet piles*

The 3 in 1 Fire Seal is applicable for pipe penetrations through:

1. Dike & Bundwall penetrations through earth/clay
2. Penetrations through steel wall
3. Penetrations through concrete walls

## 3 in 1 FIRE SEAL

### Properties

- Easy and quick to install
- Seal is installed around the pipe and inside the casing/sleeve
- Flexible; absorbs axial and lateral movement
- 2.5 Bar Explosion Proof
- 6 Bar Gas-, and watertight
- Chemical resistant
- UV resistant
- 120 minutes Hydrocarbon Pool Fire resistant
- Long service life
- Available in any diameter, also “Off-center”



*\*\* Figure 2. Off-center Seals installed in steel wall*