

## Testing

### Internal Pressure Resistance – Short Time



Diameter: 400mm  
Thickness: 6.5mm  
Tensile Strength: 120 MPa

$$P_{\text{burst}} = \frac{t * 2\sigma_{\text{short-term}}}{D}$$

**Theoretical Burst Pressure - 39 bar**

**Test Result - 41 bar**