



# **LSZH**

## **Straight Connector & End cap**

## 1. Description

The connectors & end caps shall have the necessary sealing arrangement to operate safely at blowing pressures of 15 bar and protect the inner cavity against significant ingress of mud, sand and debris. The connector and end caps must be able to be assembled and disassembled without the use of tools. LSZH connector and end cap is FR resistant.

## 2. Configuration and Technical Details



### 1) Material(Typical):

- Body: PC, impact resistant
- Collect: POK, stainless steel teeth
- O-rings: Nitrile rubber

### 2) Performance:

- FR resistance grade: V0
- Blowing Pressure: Between temperatures of -20°C and +60°C, all connectors size can be used for blowing operations at pressures up to 16bar.
- Burst Pressure: > 26bar
- Gas Tightness: Leakage at 16 bar gas pressure: 1ml/minute approx.  
Leakage at 0.7bar gas pressure: 0.1ml/minute approx
- Water ingress: The connectors shall seal against a 6m head of water.
- Insertion force: 50N max (5kg)
- Retention force: 45N min (3mm m/d), 55N min (5mm m/d), 125N min 7mm m/d)  
125N min (8mm m/d)  
(collect not held in) 125N min (10mm m/d), 125N min (12mm m/d),  
155N min (14mm m/d), 180N min (16mm m/d) 200N min (18mm m/d)

