

Lutz Hastelloy C Pump Tube

For extremely corrosive applications

SL-HC Sealless

Applications

This robust Lutz pump tube is suitable for pumping nearly all kinds of liquids, whether extremely aggressive or flammable, clean or dirty, thin-bodied or slightly viscous out of drums and small or large containers.

Structure and function (SL-HC)

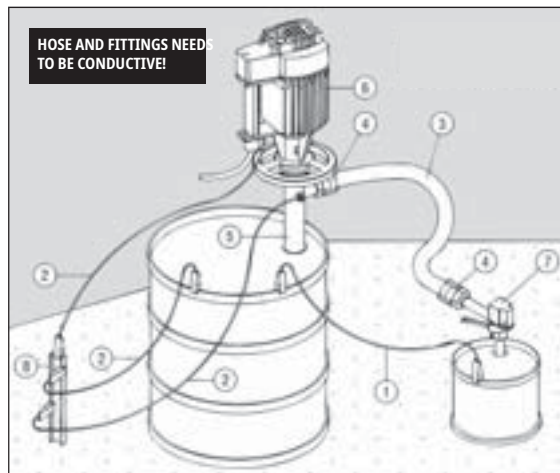
Lutz pump tubes are immersible centrifugal pumps. The drive shaft of this pump is not sealed. The bearing housing insert above the impeller is designed to prevent the pumped liquid from rising between the shaft and the inner tube. This insert guides the liquid which penetrates between the drive shaft and the shaft bearing back into the container being drained.

Length:

39", 47", Special length on request.



The pump tube is "Zone 0" approved in combination with the original Lutz motors ME I / MD1xL / MD2xL in accordance with standards for use in hazardous locations.



*Zone "0": Defines a constant hazardous explosive atmosphere. Covers interior of drum/container used for storing or transporting of explosive liquids. Equipment approved for zone "0" must be specially tested and certified.

Required accessories for using explosion-proof pumps in hazardous locations:

Explosion-proof plug and socket outlets, bonding and grounding cable, conductive hoses and nozzles in Stainless Steel. Ex-Motor (ME I, MD1xL, MD2xL)

Bonding and Grounding Diagram

- ① Bonding wire
- ② Ground wire
- ③ Conductive hose, (10⁶ Ohm)
- ④ Conductive fitting of the hose into hose connector
- ⑤ Metal pump tube for zone "0"* in Stainless Steel or Hastelloy "C"
- ⑥ Explosion-proof motor ME I / MD1xL / MD2xL
- ⑦ Nozzle in Stainless Steel
- ⑧ Grounding rod

Type	SL-HC (Sealless)
Wetted parts	
Housing:	HC-4 (2.4610)
Seals:	FPM
Mechanical seal:	None
Bearings:	ETFE, Carbon
Drive shaft:	HC-4 (2.4610)
Examples of media:	Bromine, Chlorosulphonic Acid, Butylchloride, Chlorine Water and nearly all kinds of liquids
Type of impeller:	axial-flow rotor (R) or radial-flow impeller (L), Material: ETFE

For performance information see pages 10 & 11

Picture shows:

Pump tube with air motor MD2xL