



CryoTube

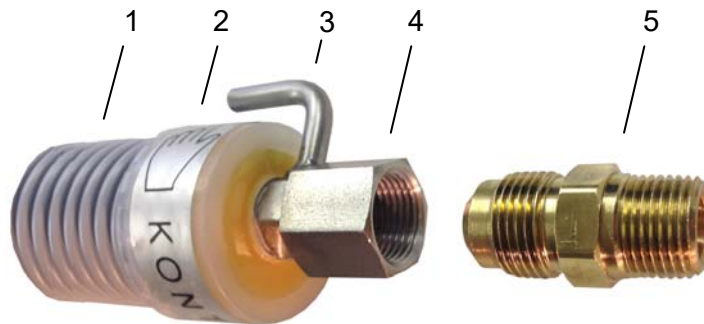
Insulated tube for transferring liquid nitrogen

1/1
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We reserve the rights for this elaboration according to DIN ISO 16016. Any depicted design corresponds to the current state of technology. Alterations to this embodiment will void validity.

Application CryoTube is used for transferring liquid nitrogen safely and with low loss as a flexible connection between cryogenic systems. For example, using CryoTube freezer- and storage tanks are connected to a central nitrogen supply or transport containers. CryoTube minimizes downcooling losses and remains flexible in cold conditions.

Structure



- 1 CryoTube stainless steel tube - insulation - protective tube
- 2 Molded insulated endcap
- 3 Counter piece single edge, connection wrench double-sided, SW17
- 4 Cap nut, conus 45°, connections: 3/4"-UNF16, SW22
- 5 Connector, conus 45°, connections: 3/4"- UNF16 / 3/8" Standard, SW19

Description The insulated tube is made of a central stainless steel corrugated tube, which is coated with an insulating tube and is protected by a plastic corrugated tube. The ends are bolted and sealed with caps. Standard UNF-connectors are mountable on both sides.

The tube is attached to connectors by tightening it with the nut, wrench width 22. This is to hold with the lock nut, wrench width 17 or with the counter piece.

Techn. Data

CryoTube		
Tube length	mm	300 - 2.400 gradiation 300 mm
Standard length	mm	1.500 in stock
Outer diameter	mm	45
Weight	KG/m	Ca.0,5
Nominal diameter	mm	10
operating pressure	bar	Max 4

For the technical structure, we reserve all rights.