



**ICE-Trade sro**

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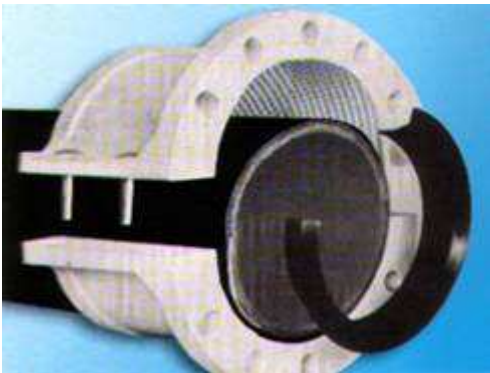
[www.ice-trade.com](http://www.ice-trade.com)

## ICE-Trade Hoses, system TT



**Hoses, system TT**, for the transport of abrasive materials under wet conditions is conceived being durable and having a long lifetime. The hoses TT are conform highest mechanical solidity and closeness. The system is made up by 3, easy exchangeable, standardized parts: the **TT hose**, the **TT coupling** and the **TT seal**.

The **TT coupling** is fixed around the smooth hose. This construction guarantees, also after installation, that the inner diameter remains the same. The TT coupling is not in direct contact with the material transported and can therefore be used multiple times.





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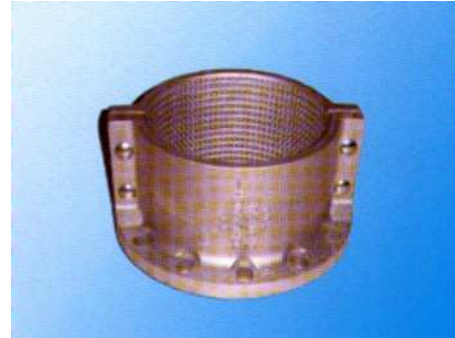
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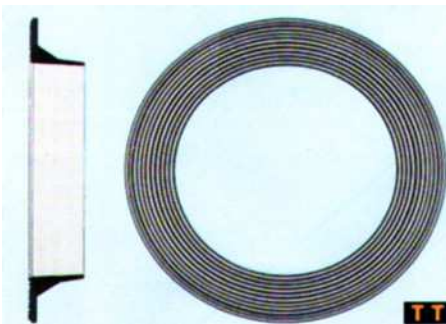
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The TT coupling is produced from corrosion free cast Aluminum. The front flange has oval holes, so that this can always be installed with the existing (flange) system. The TT coupling comes with the fasteners for the side flanges.



The TT hoses are made from abrasion resistant rubber with a hardness of 60° Shore A, and conceived for the connection of the TT coupling with an other TT coupling, with the existing tube system or with pumps.

The **TT seal** has a conic backside to compensate for eventual irregularities in the hose. By cutting the hose to length, no big precision is needed that its cut is 100 %. With the use of standard flat seals the hose has to be precisely cut and possibly also smoothed to achieve closeness. With the TT seal system this is not needed and therefore a real time and money saver.



The **TT hose** is smooth at the inside, has a textile print at the out side and a fully covered spring steel spiral, abrasion resistant inner lining, UV and abrasion resistant outer lining. The TT hoses are conceived for pressures from 5 till 10 bar, depending the ND, a security of three, for suction of 9 m. column of water under-pressure (90% vacuum).

The TT hoses have a long lifetime and do not need to be replaced as often as wear parts from other materials. This results in less downtime in the production and less operation costs.



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### **Advantages TT system hoses**

- longer lifetime
- less noise
- easy installation
- environment friendly
- re-useable couplings
- vibration dampening from machines
- fast delivery delay, custom made



The TT hose system can be installed, as a flexible connection, between tube systems to compensate for shrink or expansion. The rubber hose absorbs all movements, created by temperature or vibrations.



Besides the TT hose system we are able to produce hose according to customer specifications :

- without flanges
- with rubber covered steel flanges
- with bare steel flanges

with a maximum length of 6 m. and very short delivery delays.

Standard inside dimensions for the TT hose system are :  
50 - 65 - 75 - 80 - 100 - 127 - 150 - 200 - 250 and 350 mm.

Other dimensions and specifications are available on request, without the TT coupling system.

For further information, please contact us.