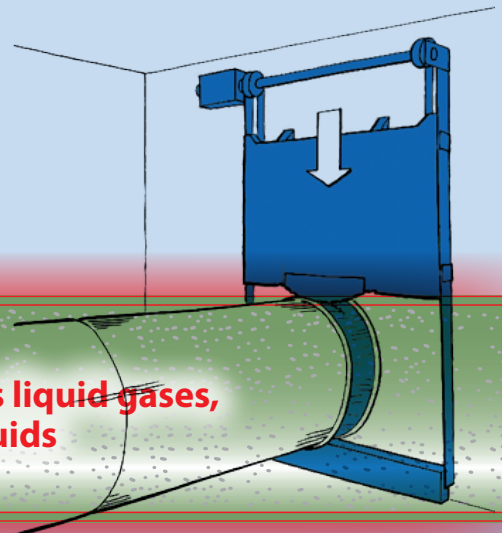


# ECClos-T

Pipe seals for gases, loss liquid gases, solids and aggressive fluids

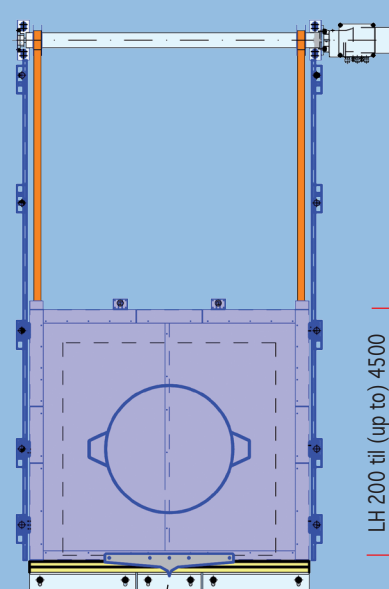


## Customer benefits

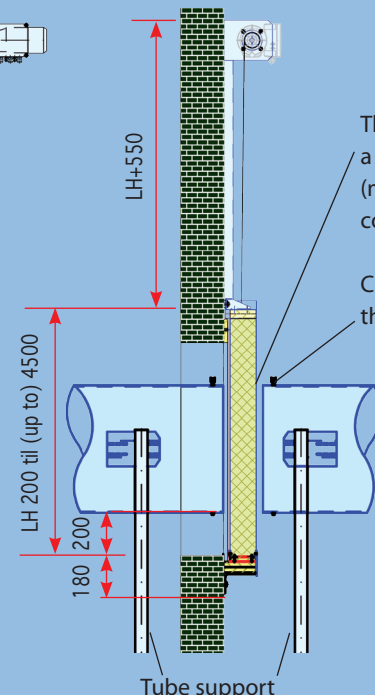
- Absolute tightness without additional seals.
- The material of the gap-bridging sleeve can be adapted to the conveying medium and the connecting pipes.
- Tested according to EN 1366-7 with a classification according to EN 13501-2 up to EI1 120th
- Several tubes next to each other or one another with a slide of up to 4.5 m x 5,1 m at max. up to 13.5 m2 are ETA 11/0267 according foreclosed.

## Function

The pipe of the conveyor system is separated in the area of closure, so that the slide of the conveyor system closure can pass through it. This gap is bridged by a thin tube or by wrapping with foil. When triggered, the attached cutter on the slide will destroy the film. After it was triggered, the gap-bridging film must be replaced manually, while the film is fixed with a clamping ring on the tube set. The system must be accessible to the operator!



Cutting with tip for cutting the hose



The gap is bridged with a appropriate foil hose (material depending on the conveyor medium)

Clamping ring according to the pipe diameter

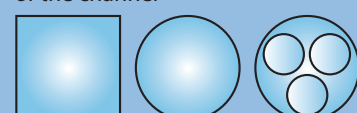
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Max-Planck-Straße 13  
59423 Unna  
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Telefax (02303) 98689-50

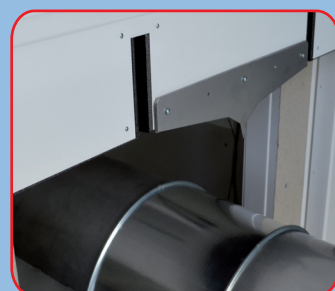
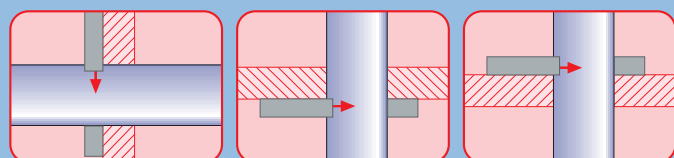
Cross section of the channel



## Re-opening



## Variety of installations



[www.stoebich.com](http://www.stoebich.com)  
[info@stoebich.com](mailto:info@stoebich.com)

09-2014-04-M-500-EN

# Tube sealings

for pneumatic conveyor systems

Ecotube T 90  
Ecotube EI<sub>2</sub> 90  
Ecotube EI<sub>1</sub> 120  
Omnitube  
ECClos-T

T 90  
Z-6.6-1585

EI<sub>2</sub> 90/EI<sub>1</sub> 120  
nach  
EN 13501-2



[www.stoebich.com](http://www.stoebich.com)  
[info@stoebich.com](mailto:info@stoebich.com)

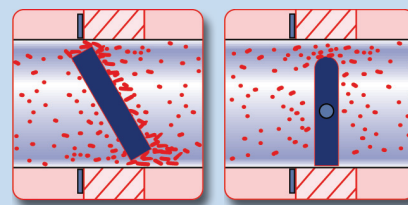
**STÖBICH**  
FIRE PROTECTION

Innovation for your Protection!



## Problems with fire protection dampers for ambient air units within conveyor processes:

The closing element, which is permanently in the conveyor stream, can be damaged or contaminated by abrasive goods being transported through the conveyor system. Therefore a reliable closure of the system in case of a fire can not be assured. When transporting sustained fibres through the conveyor some of this fibres get stuck and deposit at the dampers blade, so that the closing process is inhibited.



# Ecotube

## Tube sealings for pneumatic conveyor lines

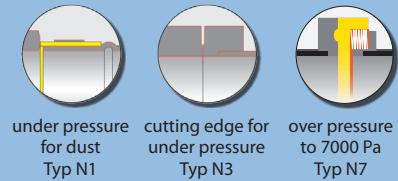
**T 90:** tested and approved system, approval number Z-6.6-1585

**EI 90:** tested system (inside the area of fireload) EI1 45-C2-T/EI290-C2-T

**EI120:** tested system (outside the area of fireload) EI1 120-C2-T/EI2120-C2-T

## Customer benefits

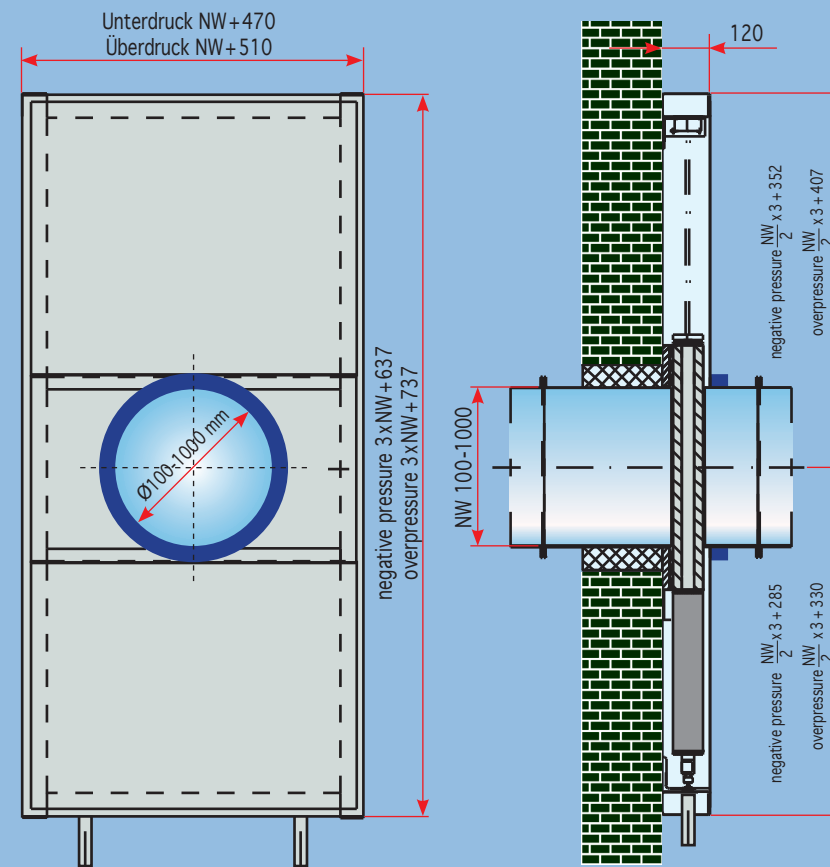
- release by fire detection elements
- during use, connection pipes and pipe liner are congruent – therefore no sedimentation and no abrasion occurs
- T 90 according to DIN 4102-5, EI<sub>2</sub> 90 / EI<sub>1</sub> 120 according to EN 13501-2  
As an option we offer a closing process that will close in seconds by using special pneumatic devices
- applicable for over- and under pressure, always clean by using compatible sealings
- usable for various conveyor goods, e.g. cardboard and paper stripes



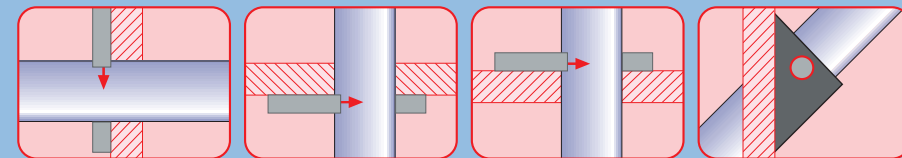
Cross section of the channel

## Function

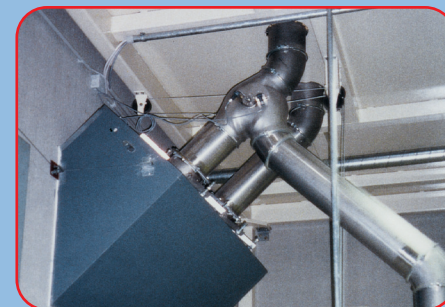
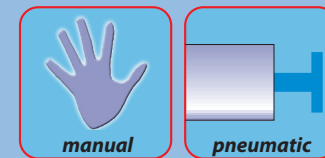
Das Futterrohrstück wird herausgeschoben und der Abschottungsschieber läuft dazwischen.



## Variety of installations



## Re-opening



## Problems with extremely hot conveyed goods up to 700 ° Celsius:

At continuous high temperatures of the conveyed goods standard conveyor system closures become defective within a very short time.

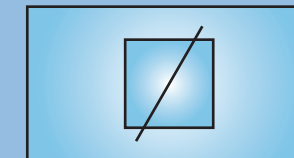
# Omnitube

## Tube sealings for problems with extremely up to 700° Celsius:

A tested and approved system, approval no. ETA-11/0267

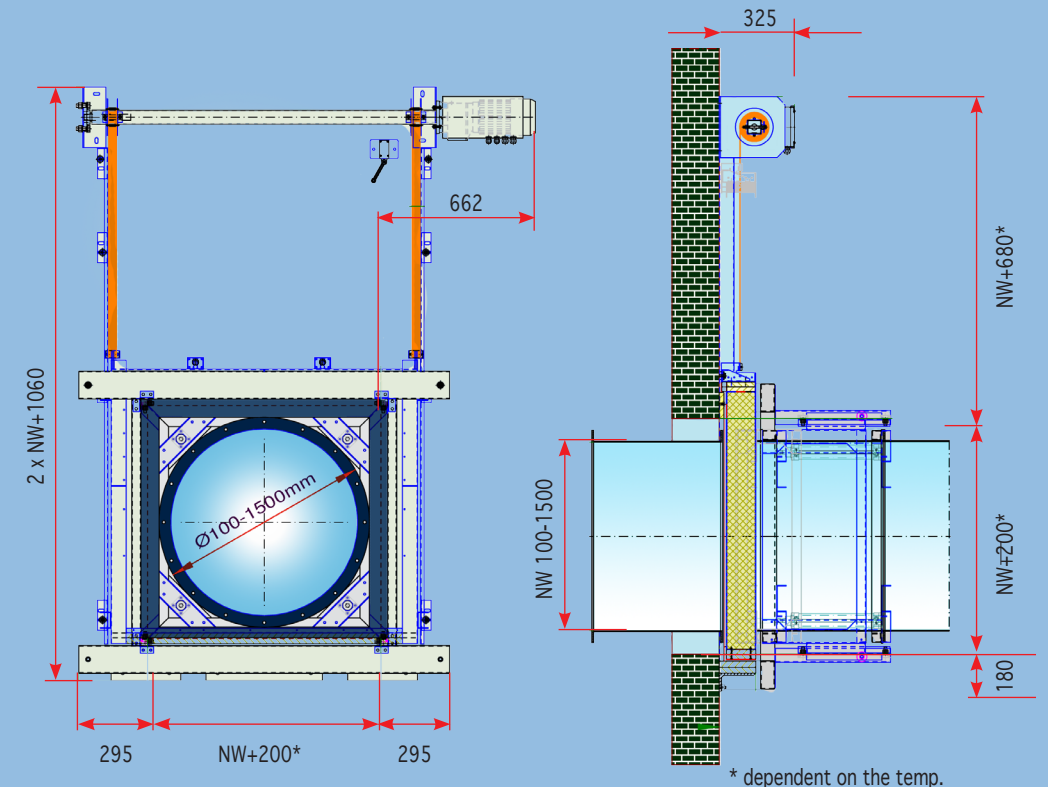
## Customer benefits

- rotund or square cross section. No interference of the standard conveyor function
- different temperature classifications up to a max. of 700° C, applicable for exhaust systems
- EI<sub>1</sub> 120 nach EN 13501-2

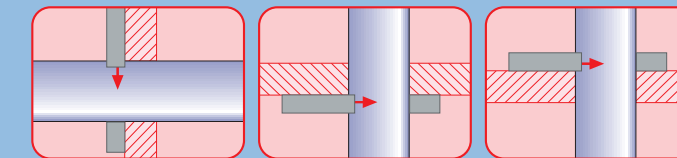


Cross section of the channel

The tube connector is pulled back and the closure seals the opening - usually it is without the temperature area.



## Variety of installations



## Re-opening



- Pneumatic re-opening (compensators).
- FPC: pneumatic, electric, manual.

