

Tube sealings

for pneumatic conveyor systems

Ecotube · Omnitube

Smoke barriers

Smoke protection closures

Textile fire protection closures

Conveyor system closures

Tube sealings

Fire protection stacking doors

Fire protection high-speed doors

Control units

Fire protection hoods

Fire protection - insulation doors in ships and buildings

Fire protection doors - panel wall/hygiene

T 90
Z-6.6-1585

EI90/120
according to
EN 13501-2



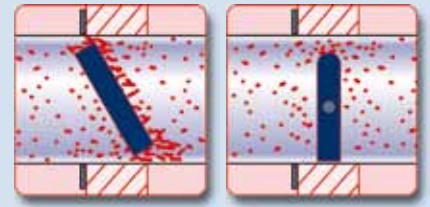
 www.stoebich.de
info@stoebich.de

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 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/EI₂ 90-C2-T

EI 120: tested system (outside the area of fireload) EI₁ 120-C2-T/EI₂ 120-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
EI90 (T90) qualification
- EI90 (T90) according to DIN 4102-5. As an option we offer a closing process within split 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



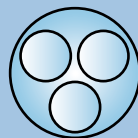
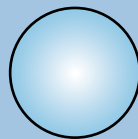
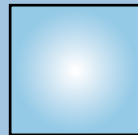
under pressure for dust
Typ N1



cutting edge for under pressure
Typ N3



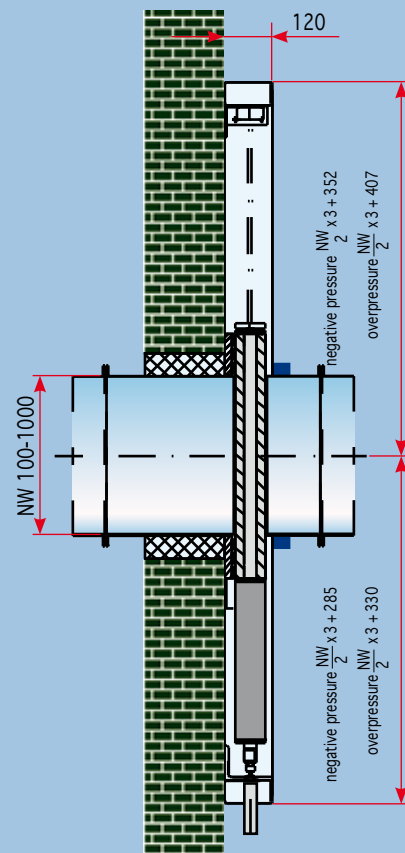
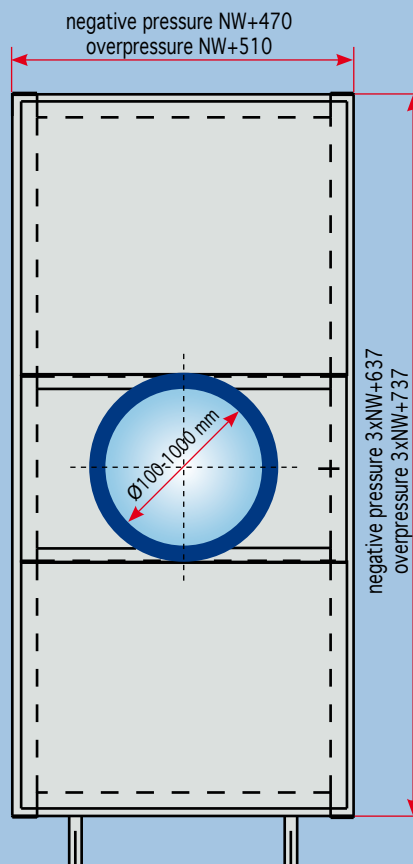
over pressure to 30000 Pa
Typ N8



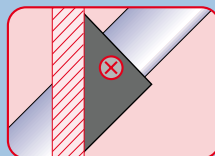
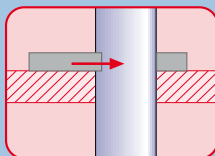
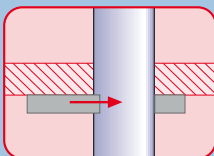
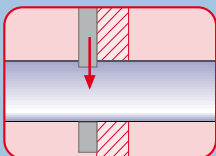
Cross section of the channel

Function

The tube connector is pulled back and the closure seals the opening.



Variety of installations



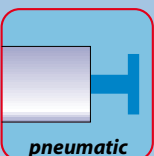
Re-opening



manual



electric



pneumatic



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.

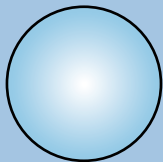
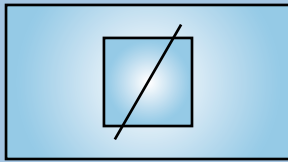
Omnitube

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

A tested and approved system, approval no. Z-6.6-469

Customer benefits

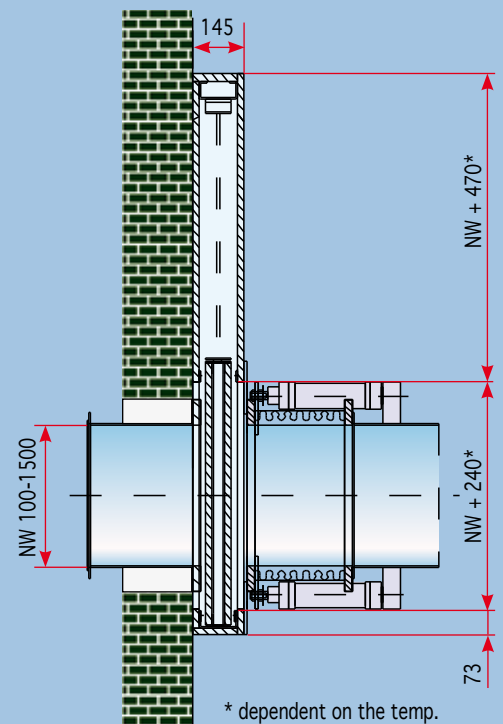
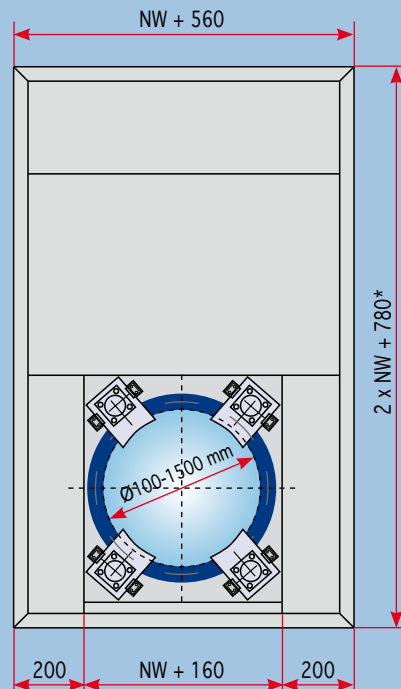
- rotund or square cross section. No interference of the standard conveyor function
- different temperature classifications up to a max. of 700° C, applicable for exhaust systems
- EI 90 (T90) - usable according to DIN 4102-5. Approval Z6.6-469.



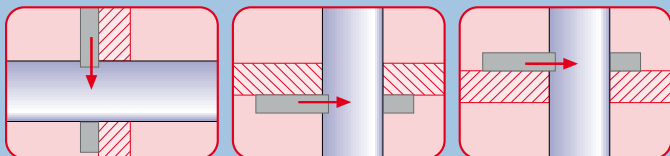
Cross section of the channel

Function

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



Variety of installations



Re-opening



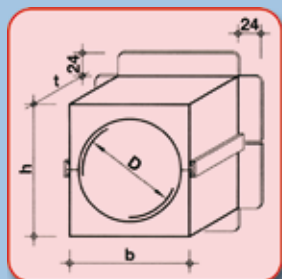
- Pneumatic re-opening (compensators).
- FPC: pneumatic, electric, manual.

Fire protection sleeves

Tube sealings - Stöbich- Promat fire protection sleeves for wastewater and combustible pipes (approval: ABZ Nr. Z-19.17-307 of the DIBt, Berlin-Germany)

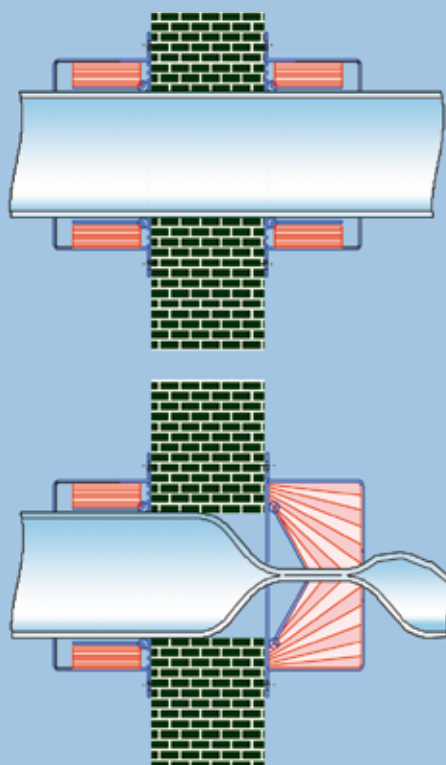
Advantages of the fire protection sleeve

- Promat-fire protection sleeves – are usable for pipe systems for non combustible fluids, non combustible gases as well as for letter shoots and Hoover pipes
- up to an outer pipe diameter of 200mm depending on the material of the pipe
- large sleeves to have several pipes within one system
- sleeves for bent tubes
- Promat-fire protection sleeves are maintenance free and are supplied in a pre-assembled condition

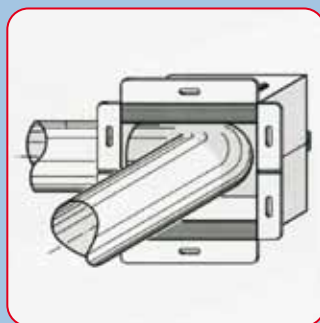
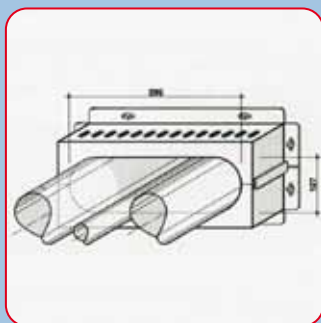
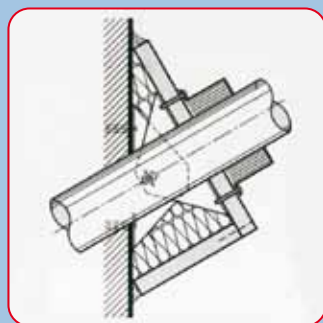


D 32-200 mm
b 66-226 mm
h 82-273 mm
t 50-130 mm

Function



Wall ducts



Headquarters

Stöbich Brandschutz GmbH
Pracherstieg 6
38644 Goslar, Germany
Phone +49-(0)53 21-57 08-0
Fax +49-(0)53 21-57 08-991

Branch South

Stöbich Brandschutz GmbH
Gewerbehof 8
73441 Bopfingen, Germany
Phone +49-(0)73 62-96 14-0
Fax +49-(0)73 62-96 14-50

Branch East

Stöbich Brandschutz GmbH
Geltestraße 12
06188 Landsberg OT Queis, Germany
Phone +49-(0)34 602-55 2-0
Fax +49-(0)34 602-55 2-50

Branch West

Stöbich Brandschutz GmbH
Max-Planck-Straße 13
59423 Unna, Germany
Phone +49-(0)23 07-98 689-0
Fax +49-(0)23 07-98 689-50

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• Brazil	• Italy	• Slovakia
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More Information (CD or Internet)



@ www.stoebich.de
info@stoebich.de