

DAMPF TRIX® 5000

For conveying saturated steam



MARKING: 3 red coloured axial markings on black cover "Continental DAMPF TRIX® 5000 - DAMPF / STEAM - PN 6 BAR / 87 PSI - Ω Made in Germany"

APPLICATIONS

Construction industry, Machinery and plant engineering, Tank trucks

FLOW MEDIUM

Hot water, Steam, Water

STANDARD / APPROVAL

DIN
EN ISO
6134-1A

DESCRIPTION

Inner lining: EPDM, black, non-porous, smooth

Reinforcements: Aramid

Cover: EPDM, black, smooth, abrasion resistant, from DN 25 upward fabric patterned, resistant to ozone, weather and UV

Working pressure up to: 6 bar / 87 psi

Temperature range: from -40 °C / -40 °F up to +120 °C / +248 °F

Dampable up to: +164 °C / +327 °F

Further properties: Continuous temperature resistant
Electrically conductive, $R < 10^6 \Omega/\text{line}$
Highly flexible

TECHNICAL DATA

| nominal width zoll/inch | inner-Ø mm | wall thickness mm | outer-Ø mm | length m | working pressure | | min. burst pressure | | min. bending radius aprx. mm | weight aprx. g/ m |
|----------------------------|---------------|----------------------|---------------|-------------|------------------|-----|---------------------|-----|---------------------------------|----------------------|
| | | | | | bar | psi | bar | psi | | |
| 1/2 | 13 | 6 | 25 | 40 | 6 | 87 | 60 | 870 | 130 | 400 |
| 3/4 | 19 | 7 | 33 | 40 | 6 | 87 | 60 | 870 | 190 | 650 |
| 1 | 25 | 7.5 | 40 | 40 | 6 | 87 | 60 | 870 | 250 | 900 |

Attention: Superheated steam will reduce the durability considerably