

Teknikum STEAM-TEK™



APPLICATIONS

A steam delivery hose for transferring hot water and saturated steam. Suitable applications include such as industrial cleaning machines and equipment, sewer defrosting equipment and industrial heating machines, where the hose is working in open-end discharging.

The hose is suitable for the conveyance of steam (steam pressure 6 bar +164°C) and hot water up to working pressure 2,0 MPa +120°C.

The hose cover is pin pricked which allows smooth gas permeation for safety reasons.

ADVANTAGES

- Safe and durable hose
- Multipurpose hose
- Great for hot water and steam
- Standard compliant

COMPLIANCY/ STANDARD

The hose complies EN ISO 6134 (Rubber hoses and hose assemblies for saturated steam) requirements for type and class 1A. This means that the hose is resistant to hot water and steam mixture, wet saturated steam up to working pressure of 0,6 MPa and temperature +164 °C.

TECHNICAL PROPERTIES

Previous versions

STEAM-TEK™ 2720 BC-164
(same reference and structure)

Structure

- Tube:
 - black EPDM
 - steam resistant
 - electrically conductive
- Reinforcement:
 - textile
- Cover:
 - black EPDM
 - electrically conductive
 - heat resistant
 - weather and wear resistant
 - pin pricked
- Safety factor: 10

Temperature range

- 40°C... +120 / +164°C

The hose is suitable for the conveyance of steam (steam pressure 6 bar +164°C) and hot water (+120°C).

At continuous temperature of more than +150°C the operating time of steam hoses becomes considerably shorter.

Not for stationary installation.

Electrical properties

The hose complies to EN ISO 6134 requirements for Ω type hose, meaning that electrical resistance of a hose assembly is $< 10^6 \Omega$.

SUITABLE COUPLINGS AND CLAMPS

Regulation for coupling and clamp combination is steam hose coupling and clamp according to EN 14423 / DIN 2826.

Before steam hose use check out carefully instructions for safe usage of industrial hoses, correct couplings and clamps, and how steam acts during operation in pipelines and hoses.

MANUFACTURER








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More information

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ORDER REFERENCE

Product code 	Ø i.d. mm 	Ø o.d. mm 	Working press. Water/Steam bar 	Bending radius mm 	Weight kg/m 	Length m 
2720BC013	13	25	20 / 6	100	0,4	40
2720BC019	19	33	20 / 6	120	0,7	40
2720BC025	25	40	20 / 6	150	0,9	40
2720BC032	32	48	20 / 6	200	1,1	40
2720BC038	38	54	20 / 6	250	1,5	40
2720BC050	50	68	20 / 6	340	2,1	40

Other dimensions available on request.

MARKINGS

