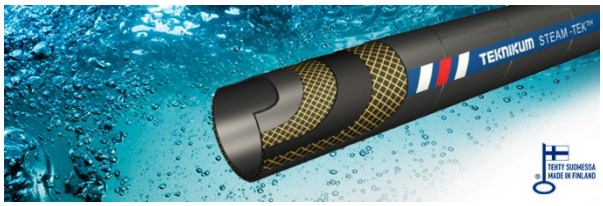
Teknikum STEAM-TEK™



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 ^{0}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 Ω.

DATASHEET
01/2021
Version 1.1.

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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ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Working press. Water/Steam MPa	Bending radius mm	Weight kg/m	Length m
2720BC013	13	25	2,0 / 0,6	100	0,40	40
2720BC019	19	33	2,0 / 0,6	120	0,70	40
2720BC025	25	40	2,0 / 0,6	150	0,90	40
2720BC032	32	48	2,0 / 0,6	200	1,10	40
2720BC038	38	54	2,0 / 0,6	250	1,50	40
2720BC050	50	68	2,0 / 0,6	340	2,10	40

Other dimensions available on request.

MARKINGS