



TECHNICAL NOTIFICATION #12/2016
BAUER KOMPRESSOREN FILLING HOSES



Technical Specification

CONSTRUCTIVE ELEMENTS	SPECIFICATIONS
A) HOSE CORE	FEP - Fluorinated Ethylene Propylene
B) REINFORCEMENT	N. 1 layer of braided Aramidic
C) HOSE COVER	Pin pricked anti-abrasion Polyurethane
D) Permitted Operating Pressure	425bar at 45°C
E) Suitable for	Suitable for SALT WATER UNIMAM hoses are EXPRESSLY suitable for BREATHING AIR Air, Helium, Nitrogen, Noble Gases

TECHNICAL SPECIFICATIONS	SPECIFICATIONS
HOSE I.D.	3/16 inch / 5.0mm
Hose O.D.	10.2mm
HOSE DESCRIPTION	RX BREATHING AIR HP FEP
MINIMUM BURSTING PRESSURE	170MPa / 1,700bar / 24,650psi
MAX WORKING PRESSURE	42.5MPa / 425bar / 6,162psi
TEST PRESSURE	850bar

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BAUER KOMPRESSOREN FILLING HOSES**APPLICATIONS NOTES****SPECIFICATIONS**

High pressure hydraulics

Features are referred to standard laboratory conditions

Applicable Instructions

DIN20066 / DIN7716 / BGR237 / TRG402

Recommended Life Time

6 Years including time of storage (heavy use: 2 Years)

Maximal Storage Time

Maximum 2 Years

TEMPERATURE RANGE**SPECIFICATIONS**For use with hydraulic oils, gas,
petroleum

-40 °C (-40°F) / +100°C (+212°F)

For water and air based fluids

max +65 °C (+149°F)

Safety Coefficient

4:1

All parts and accessories can be purchase by our partners worldwide and is available in your region as well.

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#12.2016