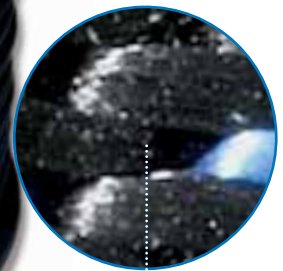


TEXFLEX INDUSTRIAL AIR/WATER

Semi-rigid lightweight hose for industrial applications



Innovative semi-rigid
low weight hose
for the industry!

APPLICATIONS

- construction sites and industry
- agriculture
- industrial water hose (suitable also for hot water)
- lightweight air pressure hose

FEATURES

- very lightweight, anti-kinking and highly flexible (even at low temperature)
- continuous high working pressure
- very long coil lengths available
- very thin wall – requires less space, can be coiled up on reels
- excellent resistance to weathering and ozone



GOLLMER & HUMMEL

— The Hosefactory —

TEXFLEX INDUSTRIAL AIR/WATER

Semi-rigid, woven lightweight hose for industrial applications



Bore size (mm) (Inch)		Weight (gr/m) (lbs/ft)		Wall Thickness (mm) (Inch)		Working Pressure* (Bar) (PSI)		Bursting pressure (Bar) (PSI)		Bending radius (cms) (inch)		Article code** (WATER)
20	3/4"	150	0.10	2.0	0.08	40	580	120	1750	12	4.8	18150-020000
26	1"	230	0.15	2.0	0.08	33	480	100	1450	14	5.5	18150-026000
32	1 1/4"	280	0.19	3.3	0.13	33	480	100	1450	17	6.7	18150-032000
38	1 1/2"	330	0.22	3.3	0.13	26	380	80	1200	25	9.9	18150-038000

Standard length : 50, 100 m (164, 330 ft), other lengths on request

Standard colour : black with blue stripes (type WATER)
black with white stripes (type AIR)

Service temperature: - 30° C up to + 100° C / - 22° F up to 212 ° F
(type WATER)
- 30° C up to + 80° C / - 22° F up to 176 ° F
(type AIR)

Tolerances can be found in the technical appendix

Change in technical specification without prior notice
10 Bar = 1 MPa

* technical data based on water: For air pressure the minimum safety ratio is 1:4. Depending on the application our product can be operated with a maximum working pressure up to 50% of the bursting pressure. Consult factory for approval!

** article code for type TEXFLEX INDUSTRIAL AIR I 8200-
It is important to note, that the technical data for pressure are only valid for hose and not for hose assembly with couplings!

CONSTRUCTION

Jacket:

- high tenacity multifilament polyester yarn, circular woven
- monofil spiral in weft keeps hose semi-rigid
- special design for high pressure performance and minimum bending radius

Remark: The jacket construction is similar for both options available (WATER and AIR).

Lining:

TEXFLEX INDUSTRIAL WATER

- high grade EPDM rubber; cold flexible, suitable also for hot water; excellent resistance to sea water; a wide range of chemicals, UV and ozone
- coextruded CR rubber adhesive layer; penetrates during vulcanisation completely into the weaving structure

TEXFLEX INDUSTRIAL AIR

- high grade NBR rubber; excellent resistance to aromatics and chemicals
- coextruded NBR rubber adhesive layer; penetrates during vulcanisation completely into the weaving structure

Both styles of rubber lining guarantee a smooth inner tube with low friction loss and an excellent adhesion between lining and jacket.

SPECIAL OPTIONS

- single lengths longer than 100 m (330 ft)
- other dimensions

Note that special options are subject to a higher price and a minimum order of 1,000 m (3,300 ft) per dimension. Production short lengths and over-production up to 10 % of the total order quantity have to be accepted.

Enquire for details!



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