GOLLMER & HUMMEL
hoses for heroes

GH HILCOFLEX

MULTIPURPOSE HOSE WITH RUBBERIZED LINING AND JACKET

MATERIAL CONSTRUCTION

Jacket lining:

- Warp: High-tenacity polyester Weft: Polyamide/polyester; circular woven
- The special jacket construction ensures minimal elongation, outstanding adhesion and much lower pressure loss compared to a 100% polyester jacket lining
- Totally embedded in the rubber, offering optimum protection against mechanical damage

Rubberized lining and jacket:

- Very high-grade NBR/PVC compound, extruded through the weave in a special one-step production process
- Special additives in the compound guarantee outstanding resistance to aging and ozone
- Inside: Very smooth for minimal pressure loss
- Outside: Ribbed for excellent abrasion resistance, protection against contact heat

ADVANTAGES

- ✓ Resistant to abrasion, tough and durable
- ✓ Resistant to oil, gasoline and chemicals (see resistance table)
- ✓ Resistant to heat, aging and ozone
- ✓ Very low pressure loss and minimal elongation
- ✓ Very lightweight, flexible and pressure-resistant compared to mandrel-wound industrial hoses
- ✓ For heavy-duty use

AT A GLANCE

Standard lengths

- 100 m

i Other lengths available on request (possibly with cutting fee)

Temperature ranges

-20 °C bis 80 °C

(Specifications apply to Water)

Standard colors

black

Areas of application

- Construction and industry
- Agriculture and mining
- Liquids (incl. hot water) and compressed air
- Irrigation hose and liquid manure distribution
- Sewer cleaning and cable protection
- For heavy-duty use

CONTACT

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PRESSURES

Working pressure:

Specifications apply only to the hose (medium water, 20 °C). The potential working pressure may be lower than specified above for hose lines with couplings due to the nominal pressure of the couplings or the type of assembly. For compressed air, the maximum working pressure is 25% of the burst pressure.

Maximum working pressure:

Approval can only be given by the manufacturer upon clarification of the exact area of application.

Order hose sample >>

DATASHEET METRIC

Inside diameter in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar	Tensile strength in kg
20	180	2	30	36	90	1,000
26	210	2.2	30	36	90	1,200
32	240	2.2	20	24	60	1,600
38	300	2.3	16	20	50	1,700
40	310	2.3	16	20	50	1,700
45	340	2.3	16	20	50	3,000
52	400	2.5	16	20	50	3,900
55	420	2.5	16	20	50	3,900
60	550	2.5	16	20	50	4,100
65	570	2.5	16	20	50	4,300
70	600	2.8	16	20	50	6,300
76	650	2.9	16	20	50	6,500
80	800	3.1	16	20	50	7,500
90	900	3.1	16	20	50	8,500
102	1,000	3.1	16	20	50	9,500
110	1,200	3.1	15	18	45	10,500
120	1,400	3.5	14	17	42	11,000
127	1,400	3.5	14	17	42	17,000
152	1,800	3.7	14	17	42	17,900
203	2,600	3.9	10	12	30	26,900
254	4,000	4.5	10	12	35	43,200
305	5,000	4.6	10	12	35	45,000

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