

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

 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	1000
26	210	2.2	30	36	90	1200
32	240	2.2	20	24	60	1600
38	300	2.3	16	20	50	1700
40	310	2.3	16	20	50	1700
45	340	2.3	16	20	50	3000
52	400	2.5	16	20	50	3900
55	420	2.5	16	20	50	3900
60	550	2.5	16	20	50	4100
65	570	2.5	16	20	50	4300
70	600	2.8	16	20	50	6300
76	650	2.9	16	20	50	6500
80	800	3.1	16	20	50	7500
90	900	3.1	16	20	50	8500
102	1000	3.1	16	20	50	9500
110	1200	3.1	15	18	45	10500
120	1400	3.5	14	17	42	11000
127	1400	3.5	14	17	42	17000
152	1800	3.7	14	17	42	17900
203	2600	3.9	10	12	30	26900
254	4000	4.5	10	12	35	43200
305	5000	4.6	10	12	35	45000

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