GOLLMER & HUMMEL
hoses for heroes

GH HILCOFLEX AGRO

AGRICULTURAL HOSE WITH RUBBERIZED LINING AND JACKET

MATERIAL CONSTRUCTION

Jacket lining:

- Warp: High-tenacity polyester, reinforced design
- Weft: Polyamide/polyester; circular woven
- The special jacket construction ensures outstanding adhesion, tight bending radii and much lower pressure loss compared to a 100% polyester jacket lining
- Very little elongation under pressure thanks to a special weaving and vulcanization process
- 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: Reinforced cover and strong longitudinal ribs for extremely high abrasion resistance

ADVANTAGES

- ✓ Unbeatable resistance to aging and ozone
- ✓ Outstanding abrasion resistance, even on difficult ground surfaces
- ✓ Very good resistance to fertilizers, agricultural chemicals and microorganisms
- ✓ Very high tensile strength, low pressure loss and elongation
- ✓ Excellent adhesion between the rubber and jacket lining
- ✓ Tough and durable

AT A GLANCE

Standard lengths

- 100 m
- 200 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

- Irrigation, especially pivot systems
- Liquid manure distribution
- Sludge and wastewater distribution
- Transport hose for watering and drainage
- For especially heavy-duty work

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
52	600	3.3	16	20	50	3,900
65	750	3.3	16	20	50	6,300
76	900	3.3	16	20	50	8,800
90	1,150	3.4	16	20	50	10,900
102	1,350	3.5	16	20	50	12,400
114	1,450	3.7	15	18	45	12,400
127	1,700	3.9	15	18	45	17,000
152	1,950	3.9	14	17	42	17,900
180	2,900	4.5	14	17	42	24,000
205	3,500	4.5	10	12	30	26,900
254	4,200	5.2	10	12	30	43,200

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