GOLLMER & HUMMEL
hoses for heroes

GH HILCOFLEX PU DRAG EXTRA

TPU HOSES FOR LIQUID MANURE HOSE SYSTEMS

MATERIAL CONSTRUCTION

Jacket lining:

- High-tenacity polyester yarn, circular woven
- Specially designed for high tensile strength, tight bending radii and very little elongation under pressure
- Totally embedded in the polyurethane, offering optimum protection against mechanical damage

Lining and jacket:

- Thermoplastic polyether polyurethane, extruded through the weave in a special one-step production process
- Highly resistant to abrasion, 5–6 times longer service life than nitrile hoses
- Inside: Very smooth for minimal pressure loss
- Outside: Very smooth for good flexibility, thick-walled for unbeatable wear resistance

ADVANTAGES

- ✓ Outstanding resistance to abrasion
- ✓ Extremely tough, hard-wearing and durable
- ✓ Extremely high tensile strength
- ✓ Resistant to oil, gasoline and chemicals (see resistance table)
- ✓ Resistant to aging and ozone
- ✓ Lightweight and easy to use compared to material transport hoses made of rubber
- ✓ Stays flexible at cold temperatures

AT A GLANCE

Standard lengths

- 100 m
- 200 m

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

Temperature ranges

-50 °C bis 75 °C

(Specifications apply to Water)

Standard colors

orange

Areas of application

- Transport hose between lagoon and field
- Drag hose to tow behind tractors
- Please note that some HILCOFLEX PU hose sizes can be used for both applications

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
102	1,700	4.5	14	17	42	14,600
114	1,900	4.5	14	17	42	16,600
127	2,100	4.5	14	17	42	20,500
140	2,400	4.5	11	13	32	24,400
152	2,800	4.5	11	13	32	27,200
165	3,200	5	10	12	30	28,100
185	3,500	5	10	12	30	35,000
205	4,200	5.5	9	11	28	43,000

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