



 **GH HILCOFLEX PU DRAG**

# HPD

## TPU HOSES FOR LIQUID MANURE DISTRIBUTION SYSTEMS

### APPLICATIONS

- 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

### FEATURES

- Outstanding abrasion resistance
- Extremely tough, resistant to wear and durable
- Extremely high tensile strength
- Resistant to oil, petrol and chemicals (see resistance table)
- Resistant to ageing and ozone
- Lightweight and easy to use compared to rubber material transport hoses
- Very good flexibility at low temperatures

### CONSTRUCTION

Jacket lining:

- High-tenacity polyester yarn, circular woven
- Specially designed for high tensile strength, tight bending radii and low 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 minimum pressure loss
- Outside: very smooth for good flexibility, thick-walled for unbeatable resistance to wear

### 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.

### BREAKING STRENGTH

The maximum tensile load in continuous use should not exceed 1/3 of the breaking strength.

**STANDARD LENGTH**

100/200 m, cut to length for a surcharge

**TEMPERATURE**

-50°C to +75°C (water)

**STANDARD COLOR**

Orange

Green

**INDIVIDUAL SOLUTIONS**

- Colour according to customer specification
- Professional assembly of all coupling systems suited to layflat hoses
- With \* marked diameters on request

Bore size in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar / PSI	Working pressure max. in bar / PSI	Bursting pressure in bar / PSI	Breaking strength in kg
<b>HILCOFLEX PU DRAG, Farbe Grün &amp; Orange</b>						
76*	950	3,5	16 / 230	20 / 290	50 / 725	8.800
90	1.100	3,5	15 / 220	18 / 260	45 / 655	10.900
102	1.350	3,8	14 / 205	17 / 245	42 / 610	13.800
114	1.450	3,8	14 / 205	17 / 245	42 / 610	13.800
127	1.850	3,8	14 / 205	17 / 245	42 / 610	20.500
140	1.950	3,9	14 / 205	17 / 245	42 / 610	22.500
152	2.100	4	14 / 205	17 / 245	42 / 610	27.200
180	2.800	4,5	10 / 145	12 / 175	30 / 435	35.000
<b>HILCOFLEX PU DRAG EXTRA, Farbe Orange</b>						
102	1.650	4,5	14 / 205	17 / 245	42 / 610	13.800
114	1.900	4,5	14 / 205	17 / 245	42 / 610	13.800
127	2.300	4,5	14 / 205	17 / 245	42 / 610	20.500

