

# GH HILCOFLEX PU KULI

**ROBUST, ELECTRICALLY CONDUCTIVE MULTI-PURPOSE HOSE MADE OF POLYURETHANE**

## MATERIAL CONSTRUCTION

### Jacket lining:

- High-tenacity polyester yarn, circular woven
- Totally embedded in the rubber, offering optimum protection against damage
- Interwoven strands for electro-conductivity

### Lining and jacket:

- Thermoplastic polyether polyurethane, extruded through the weave in a special one-step production process
- Electrical resistance less than  $10^6$  ohms
- Highly resistant to abrasion, 4–5 times longer service life than nitrile hoses
- Inside: Very smooth for minimal pressure loss
- Outside: Very smooth for good flexibility


## ADVANTAGES

- ✓ Outstanding resistance to abrasion
- ✓ Extremely tough, hard-wearing and durable
- ✓ Resistant to oil, gasoline and chemicals (see resistance table)
- ✓ Resistant to aging and ozone
- ✓ More lightweight and flexible than mandrel-wound industrial hoses
- ✓ Stays flexible at cold temperatures

## AT A GLANCE

### Standard lengths

- 100 m

 Other lengths available on request (possibly with cutting fee)

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### Temperature ranges

-50 °C bis 75 °C

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### Standard colors

army green

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### Areas of application

- Refineries
  - Industry
  - Waste disposal
  - Military
  - Industrial and mine fire departments
  - Transporting oil, fuel and other flammable liquids
  - Ship refueling
  - Tank cleaning
  - Firefighting in mines and other potentially explosive areas
  - Powder extinguisher hose
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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.

## CONTACT

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## DATASHEET

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	430	2.4	16	20	50	5,000
76	700	2.8	16	20	50	6,900
102	1150	3.3	16	20	50	13,800
127	1500	3.4	14	17	42	17,000
152	1900	3.7	14	17	42	17,900
205	3300	4.7	14	17	42	38,000

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