GOLLMER & HUMMEL
hoses for heroes

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

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

Temperature ranges

-50 °C bis 75 °C

Standard colors

army green

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

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

Gollmer & Hummel GmbH
Gässlesweg 23
75334 Straubenhardt

T +49 (0) 7082 9434-0

F +49 (0) 7082 9434-99

E info@gollmer-hummel.com

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	430	2.4	16	20	50	5,000
76	700	2.8	16	20	50	6,900
102	1,150	3.3	16	20	50	13,800
127	1,500	3.4	14	17	42	17,000
152	1,900	3.7	14	17	42	17,900
205	3,300	4.7	14	17	42	38,000

i Specifications apply only to the hose. 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.