GOLLMER & HUMMEL
hoses for heroes

GH HILCOFLEX PU CONCRETE

POLYURETHANE MULTI-PURPOSE HOSE FOR CONCRETE / CONCRETE TRANSPORT HOSE - THE LIGHTWEIGHT ALTERNATIVE TO THICK-WALLED RUBBER HOSES

MATERIAL CONSTRUCTION

Fabric insert:

- high tenacity polyester yarn, circular weave
- heavy duty fabric construction for high continuous operating pressures, high tensile strength and low longitudinal elongation under pressure
- completely embedded in polyurethane, thus optimal protection against mechanical damage

inner and outer layer:

- thermoplastic polyether polyurethane, pressed through the textile insert in a special one-step extrusion process
- highly abrasion resistant with service life of factor 4-5 compared to nitrile hoses
- inside: very smooth for minimum pressure loss
- outside: very smooth for good flexibility

ADVANTAGES

- ✓ stable in diameter
- ✓ high tensile strength & layer adhesion
- ✓ light & flexible handling
- ✓ easy cleaning
- ✓ space saving
- ✓ extremly abrasion resistant

AT A GLANCE

Temperature ranges

-50 °C bis 75 °C

Standard colors

orange

Areas of application

- Mortar
- Concrete

CONTACT

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PRESSURES

Working pressure:

Specifications apply only to the hose (medium water, 20°C). For hose assemblies with couplings, the possible operating pressure may be lower than specified above due to the nominal pressure of the couplings or the type of assembly. For compressed air, the maximum operating pressure is 25% of the burst pressure.

Maximum operating pressure:

Approval for this can only be given by the manufacturer after clarification of the exact area of application.

Order hose sample >>

DATASHEET METRIC

Inside diameter in mm	Weight in g/m	Wall thickness in mm	Burst pressure in bar	Tensile strength in kg
84	1,250	4.2	172	38,000
111	1,750	4.5	172	61,000
135	2,500	4.8	172	80,000

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