



 **GH P-FLEX M**

PFM

MEDIUM-WEIGHT PVC LAYFLAT HOSE

APPLICATIONS

- Construction and industry
- Agriculture
- Feeder hose for drip watering
- Watering and drainage
- Protection hose for cables and hydraulic hoses
- For medium-heavy duty

FEATURES

- Lightweight and flexible
- Small coil diameter
- Resistant to ageing and ozone
- Low elongation
- Much better layer adhesion than conventional PVC layflat hoses

CONSTRUCTION

Jacket:

- High-tenacity polyester yarn, specially designed for low elongation
- Totally embedded in the PVC, offering optimum protection against mechanical damage

Lining and cover:

- Very high-grade, soft PVC, extruded through the weave in a special one-step production process
- Much more adhesive than conventional PVC layflat hoses due to the special production process, no blistering
- Inside: very smooth for minimum pressure loss
- Outside: very smooth for good flexibility

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.

STANDARD LENGTH

100 m

STANDARD COLOR

Blue

TEMPERATURE

-10°C to +60°C (specifications apply to water)

INDIVIDUAL SOLUTIONS

Assembling the fittings:

- The hose tail of the coupling should be machined and free of sharp edges to avoid the inner tube being cut
- If the hose is bound with clamps, another piece of hose should be placed between the clamp and the hose as a means of hose protection
- The bandwidth of the clamp should be dimensioned in such a way that the hose is not squeezed between the ribs of the hose tail

| Bore size in mm | Weight in g/m | Wall thickness in mm | Working pressure in bar / PSI | Bursting pressure in bar / PSI |
|-----------------|---------------|----------------------|-------------------------------|--------------------------------|
| 25 | 165 | 1,5 | 7 / 100 | 21 / 305 |
| 32 | 200 | 1,5 | 7 / 100 | 21 / 305 |
| 38 | 230 | 1,5 | 7 / 100 | 21 / 305 |
| 52 | 340 | 1,6 | 7 / 100 | 21 / 305 |
| 65 | 430 | 1,7 | 7 / 100 | 21 / 305 |
| 76 | 570 | 1,9 | 6 / 85 | 18 / 260 |
| 102 | 880 | 2,3 | 6 / 85 | 18 / 260 |
| 127 | 1.100 | 2,3 | 6 / 85 | 18 / 260 |
| 152 | 1.500 | 2,6 | 6 / 85 | 18 / 260 |
| 203 | 2.100 | 2,7 | 4 / 60 | 12 / 175 |

