

Rubber flange hose - type GFS-1

Light version DN 50 - DN 2000



Type GFS-1
Version with rubber rim



Structure type GFS-1

- Hose with numerous possible connections
- Full-faced self-sealing rubber flanges with integrated reinforcements and retaining flange rings (version rubber flange)
- Self-sealing rubber rim with rotating flange (version rubber rim hose)
- Continuous rubber covering through to the flange sealing surfaces
- Vacuum-resistant version with integrated helix

Hose

- Smooth hose core and smooth or fabric patterned hose cover of synthetic rubber
- Highly flexible version with inside ribbing or ribbing on inside and outside
- Reinforcement of high-strength synthetic fibre
- Additionally integrated steel helix as vacuum-resistant and buckling-resistant version
- Electric resistance 10^3 to 10^6 ohm (DIN IEC 93, VDE 0303-30)

Rubber grade**	Trade name	Temperature*	Properties
EPDM Ethylene propylene diene rubber	Buna AP Keltan Vistaflon	up to + 110°C	Hot water, steam, acids, lyes
NBR Nitril-butadiene rubber	Perbunan	up to + 90°C	Mineral oil, fuel oil, gases, cooling water with antifreeze additive, petrol, fuels

*Check or inquire about the reduction in pressure due to temperature change

**Check or inquire about the resistance of the rubber grade to temperature and medium

Flange connection

Dimensions

- Flange drilled in accordance with DIN 2501

Materials

- Flanges made of steel 1.0038 (RSt 37-2), 1.0460 (C 22.8), electrogalvanized
- Other materials and flange dimensions on request

Note

These hoses are produced to order and are made to match the requirements profile.

Please comply with the technical instructions in the description and installation instructions.

Subject to technical alterations and deviations resulting from the manufacturing process.

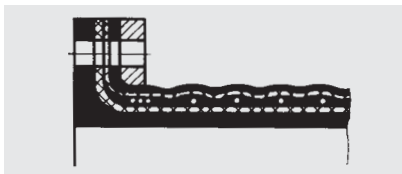
Applications

- flexible pipe system for absorbing lateral movement
- for handling difficult media, e.g. containing solid particles (suspended matter)
- suitable for handling chemicals and acids, plain passage to flange
- hose flexible along whole length, therefore ideal as elastic adapter piece
- available as highly flexible ribbed version for low pressure loads
- can be used as pressure hose
- can be used as vacuum-resistant suction hose with stable cross section thanks to steel helix

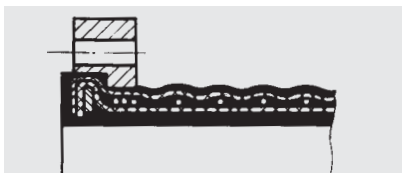
Dimensions

DN 50 - 400	max. 40 m long
DN 425 - 1000	max. 15 m long
DN 1015 - 2000	max. 10 m long

Versions



Rubber flange hose with retaining flange



Rubber rim hose with rotating flange