

Rubber flange hose - type GFS-2

Heavy-duty version DN 50 - DN 2000



Type GFS-2
Pressure hose



Type GFS-2
Suction hose with vulcanized
steel rings



Structure type GFS-2

- Hose with high-strength, mechanically reinforced self-sealing flange connection (version lamellar flange hose)
- Continuous rubber covering through to the flange sealing surfaces
- Hose with vulcanized self-sealing flange fitting with specially anchored continuous reinforcement (version hose with socket flange)

Hose

- Very robust structure with thick, wear-proof hose core and weather-proof, wear-proof hose cover
- Smooth hose core and fabric patterned hose cover of synthetic rubber
- Reinforcement of high-strength synthetic fibre
- Additionally integrated steel helix as vacuum-resistant and buckling-resistant version
- Electric resistance 10^9 to 10^8 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.

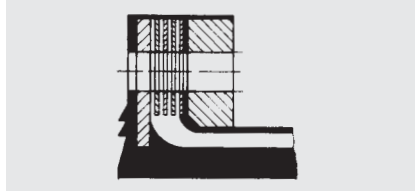
Applications

- flexible pipe element for absorbing lateral movement
- for handling difficult media, e.g. with solid particles (suspended matter)
- suitable for handling chemicals and oils, plain passage to flange
- hose flexible along the whole length, therefore ideal as elastic adapter piece
- available as pressure hose
- special, extremely robust version also suitable for tensile loads
- can be used as vacuum-resistant suction hose with steel rings

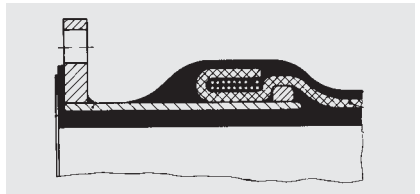
Dimensions

DN 50 - 65	on request
DN 80 - 400	max. 36 m long
DN 450 - 1000	max. 15 m long
DN 1100 - 2000	on request

Versions



Lamellar flange hose, rubber flange with metal reinforcement



Hose with vulcanized socket flange