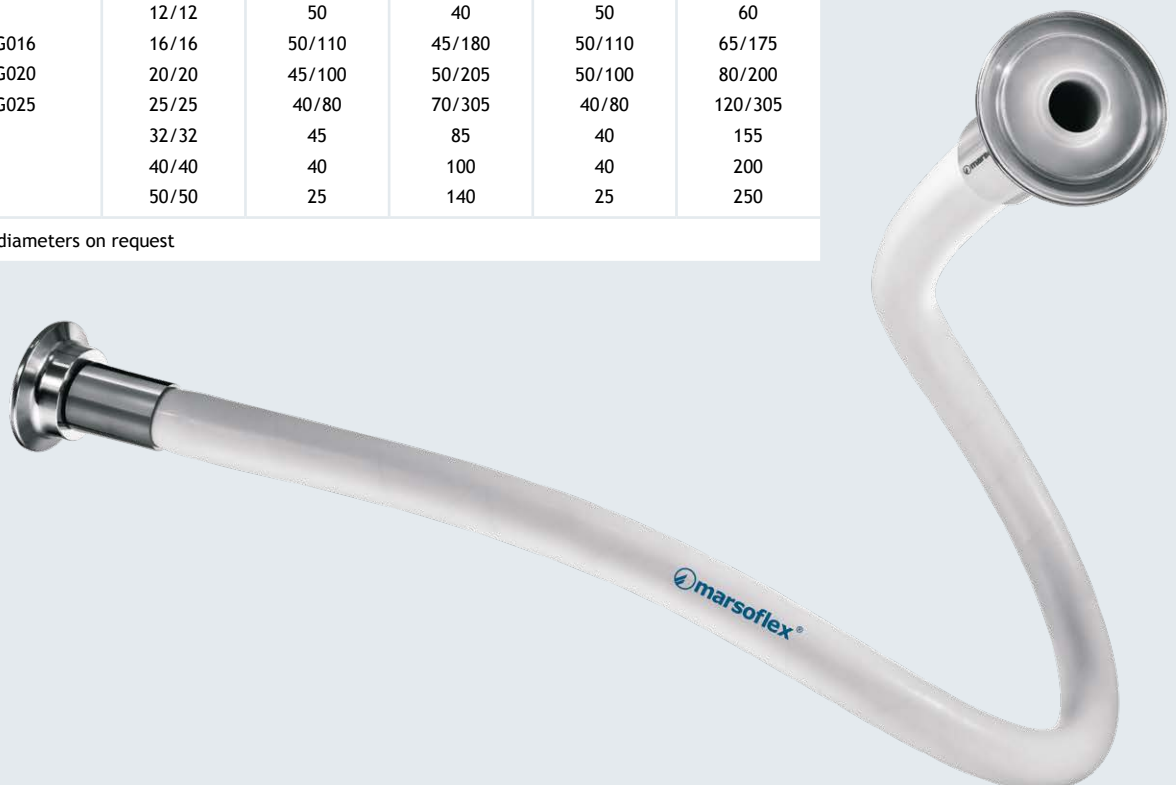


Order number	Nominal diameter*	Max. operating pressure in bar (20 °C)			
	ID [mm]	B1 Mesh [bar (20 °C)]	Bending radius [mm]	B1 sil-cover [bar (20 °C)]	Bending radius [mm]
G05	5	260	65	*	*
G06	6	220	80	220	75
G08	8	205	105	205	100
G010	10	180	135	180	130
G012	12	160	150	160	150
GA013-GC013	12/12	50	40	50	60
GA016-GC016/G016	16/16	50/110	45/180	50/110	65/175
GA020-GC020/G020	20/20	45/100	50/205	50/100	80/200
GA025-GC025/G025	25/25	40/80	70/305	40/80	120/305
GA032-GC032	32/32	45	85	40	155
GA040-GC040	40/40	40	100	40	200
GA050-GC050	50/50	25	140	25	250

Other nominal diameters on request



Type G, GA, GC PTFE smooth hose

PTFE smooth hose system for the highest process requirements



The **marsoflex**® PTFE smooth hose is the result of the consistent further development of the PTFE corrugated tube hose. Its smooth hose tube ensures a particularly low level of flow resistance and makes cleaning very easy. This means that the PTFE liner fulfils the highest requirements of the food and pharmaceutical industry. As with the smooth hose, the tube consists of highly temperature-resistant and seamlessly extruded Teflon® T-62 from DuPont in virginal or black (electrically conductive) versions and is resistant against almost all chemical influences.*

Continuously even wall thickness ensures a particularly long lifespan while the spiral guarantees extremely high vacuum stability and superior resistance against kinks. The product conforms with the FDA in accordance with 21 CFR § 177.1550.

*With the exception of halogens.

All advantages at a glance:

- extremely resistant against:
 - chemical influences
 - temperatures from -60 °C to +260 °C
 - weather and ageing processes
- Versions in accordance with DIN EN 16643
- very easy to clean
- minimum flow resistance
- low friction coefficient (no stick-slip effect)
- particularly anti-adhesive
- hydrophobic material
- barely thermally conductive
- highly flame resistant (UL 94 [for 1.5 mm]: VO, LOI index: 95%)
- present no risk to health (FDA and BfR compliant)
- suitable for vacuum operation
- available in three versions:
 - GC, with high electrical insulation capacity + vacuum spiral
 - GA, anti-static + vacuum spiral
 - G, with high electrical insulation capacity
- special version: Proof of suitability for the highest requirements for cleanliness
 - extractables study -

