

Composite Chemical Hose Type 1421

The **marsoflex**® Composite Chemical Hose Type 1421 is suitable as a suction and discharge hose for the transport of mineral oil products, solvents, acids, bases, alcohols and hydrocarbons and is available in different versions.

The hose design is constructed of layers, allowing for high flexibility and a small bending radius regardless of temperature. At the same time the materials used have good chemical resistance even at high temperatures. Therefore this hose type is perfectly suited for applications in process and draining facilities as well as for the loading and unloading of tank trucks, tank wagons and tank ships.

Hose tube: Polypropylene, PTFE

Inner wires: Stainless steel wire, galvanized steel wire, polypropylene coated galvanized steel wire

Outer wires: Stainless steel wire, galvanized steel wire

Hose cover: Fabric, PVC coated. Resistant to oil, ozone and weather influences.

Electrical resistance: $R < 10 \Omega$

Temperature range: -30°C to +100°C

Marking: The **marsoflex**® Composite Chemical Hose Type 1421 is marked in accordance with EN 13765 and, in addition, with a batch number. Thus traceability is guaranteed at all times.

Test documentation for hose lines assembled in accordance with EN 10204 3.1 as well as classification in accordance with the Pressure Equipment Directive (97 / 23 EC) are included in the scope of delivery.

marsoflex® Composite Chemical Hoses Type 1421 can be equipped with user-specific fittings and couplings.

Technical specifications are subject to change without notice.



Inner Ø mm / inch		Working pressure bar	Vacuum bar	Burst pressure bar	Test pressure bar	Bending radius = mm
19	3/4"	14	0,9	≥ 56	21	60
25	1"	14	0,9	≥ 56	21	75
38	1 1/2"	14	0,9	≥ 56	21	85
50	2"	14	0,9	≥ 56	21	125
63	2 1/2"	14	0,9	≥ 56	21	150
80	3"	14	0,9	≥ 56	21	180
100	4"	14	0,9	≥ 56	21	250
125	5"	14	0,8	≥ 56	21	490
150	6"	14	0,8	≥ 56	21	710
200	8"	14	0,8	≥ 56	21	1040