Composite hoses - chemical



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CHEMSTAR

Hose for chemicals

Inner layer: polypropylene (fabric layer, film)
Reinforcement: spiral, polyethylene (fabric layers)
Coating: resistant to abrasion and conditions atmospheric polyester
Operating temp: -30°C to +80°C
-40°C to +100°C (HD version)

Suction-delivery hose designed for the transfer, discharge and loading of a wide range of hazardous chemicals: acids, bases, solvents under standard operating conditions. Safety factor 4:1 (HD - Heavy Duty version - 5:1).

Application: Transshipment systems, filling and emptying equipment (UNO), unloading and loading of road and rail tankers, fixed equipment for tanker trucks, industrial installations. HD version - port handling systems (ship-to-shore and ship-to-ship).
Standards: Meets EN 13765:2018 (type 2), EN 13765:2018 (type 3).
Assembly: Supplied as cables.
Versions available: PG, PS, SS - differing in inner and outer spiral material.

Chemical resistance check: table of **chemical** resistance of polypropylene and spiral material (pre-selection), confirmation of resistance and conditions of use by Tubes International.

index (versions - spiral)			internal diameter [mm]	working pressure [bar]	Vacuum [bar].	bend radius [mm]	mass [kg/m]	max. length [m]
PG - galvanised steel covered with polypropylene / galvanised steel	PS - galvanised steel covered with polypropylene / stainless steel AISI 316	SS - stainless steel AISI 316 / stainless steel AISI 316						
STANDARD DUTY (SD)								
SO-CHEMSTAR-PG-038	SO-CHEMSTAR-PS-038	SO-CHEMSTAR-SS-038	38	14	0,9	100	1,04	40
SO-CHEMSTAR-PG-050	SO-CHEMSTAR-PS-050	SO-CHEMSTAR-SS-050	50	14	0,9	150	1,56	40
SO-CHEMSTAR-PG-065	SO-CHEMSTAR-PS-065	SO-CHEMSTAR-SS-065	65	14	0,9	200	1,87	40
SO-CHEMSTAR-PG-075	SO-CHEMSTAR-PS-075	SO-CHEMSTAR-SS-075	75	14	0,9	250	2,23	40
SO-CHEMSTAR-PG-100	SO-CHEMSTAR-PS-100	SO-CHEMSTAR-SS-100	100	14	0,9	300	3,62	40
HEAVY DUTY (HD)								
SO-CHEMSTAR-PGHD-025	SO-CHEMSTAR-PSHD-025	SO-CHEMSTAR-SSHD-025	25	16	0,9	100	0,77	40
SO-CHEMSTAR-PGHD-038	SO-CHEMSTAR-PSHD-038	SO-CHEMSTAR-SSHD-038	38	16	0,9	140	1,33	40
SO-CHEMSTAR-PGHD-050	SO-CHEMSTAR-PSHD-050	SO-CHEMSTAR-SSHD-050	50	16	0,9	180	2,04	40
SO-CHEMSTAR-PGHD-065	SO-CHEMSTAR-PSHD-065	SO-CHEMSTAR-SSHD-065	65	16	0,9	220	2,75	40
SO-CHEMSTAR-PGHD-075	SO-CHEMSTAR-PSHD-075	SO-CHEMSTAR-SSHD-075	75	16	0,9	280	3,15	40
SO-CHEMSTAR-PGHD-100	SO-CHEMSTAR-PSHD-100	SO-CHEMSTAR-SSHD-100	100	16	0,9	400	4,74	40
SO-CHEMSTAR-PGHD-150	SO-CHEMSTAR-PSHD-150	SO-CHEMSTAR-SSHD-150	150	16	0,9	575	10,00	40
SO-CHEMSTAR-PGHD-200	SO-CHEMSTAR-PSHD-200	SO-CHEMSTAR-SSHD-200	200	16	0,9	800	12,85	40
*	*	*	250	16	0,9	1000	23,85	25

* - on special request



CHEMSTAR hose DN75 both ends in AISI 316 stainless steel with BSP 3" male thread (butt seal). Ends crimped with AISI 304 stainless steel sleeves. On the , TW (tankwagen) type MK 3" and VK 3" couplings in AISI 316 stainless steel.



CHEMSTAR hose DN75 both sides with AISI 316 stainless steel ends with BSP 3" male thread (butt seal). Ends clamped with AISI stainless steel sleeves.