Composite fuel hoses



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FUELSTAR

Petrochemicals transport hose Inner layer: polypropylene (fabric layer, film)
Reinforcement: spiral, polypropylene (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 petrochemical products including: fuel oils, petrol, diesel, lubricating oils and aromatics (up to 50%) under standard operating conditions. Safety factor 4:1 (HD - Heavy Duty version - 5:1). AA version (aluminium inner and outer spiral) with significantly lighter weight for easier handling of the hose.

Application: Transfer systems, filling and emptying devices (UNO), unloading and loading of road and rail tankers, industrial installations, fixed tanker truck equipment. HD version - port handling systems (ship-to-shore and ship-to-ship).
Standards: Meets the requirements of EN 13765:2018 (type 3 - HD version, type 2 - SD version).
Assembly: Supplied as cables.
Versions available: GG, AG, AA - 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)		inside diameter [mm]	working pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]		max. length [m]
GG - galvanised steel / galvanised steel	AG - aluminium / galvanised steel					GG	AG	
STANDARD DUTY (SD)								
SO-FUELSTAR-038	SO-FUELSTAR-AG-038	38	14	0,7	100	1,23	0,98	40
SO-FUELSTAR-050	SO-FUELSTAR-AG-050	50	14	0,7	150	1,66	1,35	40
SO-FUELSTAR-065	SO-FUELSTAR-AG-065	65	14	0,7	200	2,10	1,71	40
SO-FUELSTAR-075	SO-FUELSTAR-AG-075	75	14	0,7	250	2,53	2,05	40
SO-FUELSTAR-100	SO-FUELSTAR-AG-100	100	14	0,7	300	4,10	3,29	40
SO-FUELSTAR-125	-	125	14	0,7	400	4,80	-	40
HEAVY DUTY (HD)								
SO-FUELSTAR-GGHD-025	-	25	16	0,7	100	0,90		40
SO-FUELSTAR-GGHD-038	-	38	16	0,7	140	1,49		40
SO-FUELSTAR-GGHD-050	-	50	16	0,7	180	2,18		40
SO-FUELSTAR-GGHD-065	-	65	16	0,7	220	3,09		40
SO-FUELSTAR-GGHD-075	-	75	16	0,7	280	3,66		40
SO-FUELSTAR-GGHD-100	-	100	16	0,7	400	5,28		40

version index AA (spiral: aluminium / aluminium)	internal diameter [mm]	working pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	max. length [m]
LIGHT DUTY (SD)						
SO-FUELSTAR-AASD-038	38	14	0,7	100	0,87	40
SO-FUELSTAR-AASD-050	50	14	0,7	150	0,97	40
SO-FUELSTAR-AASD-065	65	14	0,7	200	1,25	40
SO-FUELSTAR-AASD-075	75	14	0,7	250	1,53	40
SO-FUELSTAR-AASD-100	100	14	0,7	300	2,38	40



FUELSTAR hose DN75 (3") with STORZ coupling with female thread. Fitting by means of a sleeve designed for this type of end with a spiral "tail".