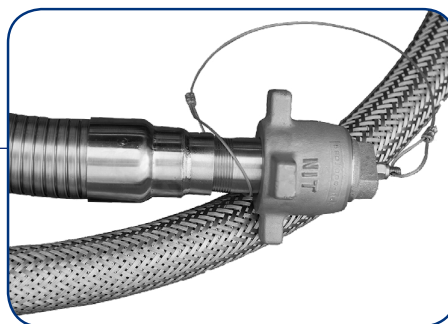


Truck & Bulk Loading Hose SF21 "Superflex" Cryogenic

Style SF-21 "Superflex" is a durable all-stainless steel hose for the bulk transfer of cryogenic liquid. Each assembly is constructed with 321 stainless steel corrugated inner core, a 304 stainless steel single braid, and 304 stainless steel female NPT threaded coupling each end, to accommodate an appropriate CGA fitting. An 18 inch long 304 stainless steel armor bend restrictor is welded to each end. All assemblies can have CGA fittings threaded or silver brazed to each end for an extra charge. Assemblies are cleaned, capped, and bagged for oxygen service.



Style SF21 - 321 S/S Hose with 304 S/S Braid, 304 Female Threaded Ends

NOMINAL HOSE I.D.	O.D. WITHOUT ARMOR	O.D. WITH ARMOR	NO. OF BRAIDS	DYNAMIC BEND RADIUS	WORKING PRESURE	BURST PRESSURE
1-1/2"	2.10"	2.50"	1	11.0"	472 PSIG	2120 PSIG
2"	2.74"	3.19"	1	13.0"	516 PSIG	2140 PSIG

Other sizes also available.

HOSE PART #	ENDS
SF21-150-24-24-A18-xx" (1-1/2" Hose)	1-1/2" Female NPT both ends
SF21-200-24-24-A18-xx" (2" Hose)	2" Female NPT both ends

Standard lengths are 14 feet. For other lengths, specify overall length – change "xx" in part number to desired overall length - max length not to exceed 300".

For 3000# full threaded coupler ends contact Unisource.

Choose from the following CGA bronze trailer fittings to be added to the above hose assemblies. CGA fittings can be threaded on or silver brazed. Aluminum tail plugs available.



FITTING SIZE	SERVICE	CGA DESIGNATION	PART #		PART # TAIL PLUG
			NUT	FILLING SLEEVE	
1-1/2"	Nitrogen	NI-150	590-000-15	ASK - 40 - 0003	590 - 001 - 15
2"	Nitrogen	NI-250	590-002-25	ASK - 40 - 0050	540 - 006 - 25
1-1/2"	Argon	AR-150	580-002-15	ASK - 40 - 0003	580 - 006 - 15
2"	Argon	AR-250	580-000-25	ASK - 40 - 0050	580 - 001 - 25
1-1/2"	Oxygen	OX-150	540-000-15	ASK - 40 - 0003	540 - 001 - 15
2"	Oxygen	OX-200	540-010-20	ASK - 40 - 0020	540 - 013 - 20

CO2 Bulk Liquid Transfer Rubber FDA Grade Hose Style 2520FDA



Style 2520FDA hose is designed to handle the rigorous demands associated with the bulk transfer of CO2 liquid and vapor. **Style 2520FDA** hose outperforms all others. Each hose is constructed with a low temperature, smooth inner core (no more trapped CO2). Unlike rubber hydraulic hose that are constructed with carbon steel braids, **Style 2520FDA** hose is reinforced with stainless steel braids to resist carbonic acid corrosion. The rugged “pin pricked” outer casing will not bubble and is resistant to abrasion, ozone, and weather. **Style 2520FDA** hose is rated at 450 psig, and will operate from -65 degrees to +180 degrees F. A heavy duty brass FNPT fitting is attached to each hose end by use of a high temperature plated steel crimp collar that interlocks the two components. Hose sets (liquid transfer and vapor) are available.

Style 2520FDA - CO2 Transfer/Vapor Hose

SERIES #	I.D. (IN.)	O.D. (IN.)	MAX WP PSIG	MIN BURST PSIG	WEIGHT PER FOOT
2520FDA-100	1"	1.58"	450	2250	0.83
2520FDA-150	1-1/2"	2.08"	450	2250	1.19
2520FDA-200	2"	2.60"	450	2250	1.90

HOSE PART #	ENDS	SERVICE
A-2520FDA-100-14-14-240.0"	Brass 1" FNPT	20 Feet
A-2520FDA-100-CGA-CGA-240.0"	1" CGA E/E	20 Feet
A-2520FDA-100-14-14(150)-240.0"	1" x 1-1/2" FNPT	20 Feet
A-2520FDA-100-CGA-CGA(150)-240.0"	1" x 1-1/2" CGA	20 Feet

HOSE PART #	ENDS	SERVICE
A-2520FDA-150-14-14-240.0"	Brass 1-1/2" FNPT	20 Feet
A-2520FDA-150-14-14-240.0" w/CGA	1-1/2" CGA E/E	20 Feet
A-2520FDA-150-14-14(200)-240.0"	1-1/2" x 2" FNPT	20 Feet
A-2520FDA-150-CGA-CGA(200)-240.0"	1-1/2" x 2" CGA	20 Feet

HOSE PART #	ENDS	SERVICE
A-2520FDA-200-14-14-240.0"	Brass 2" FNPT	20 Feet
A-2520FDA-200-CGA-CGA-240.0"	2" CGA E/E	20 Feet

All CGA ends utilize female NPT on hose with brass CGA adaptor, hex nut. Thread on style.