



APPLICATIONS:

- Size 1" chlorine hose for rail car loading and unloading
- Titeflex 1/2" chlorine hose for replacing copper whips at chlorine repackaging plants filling 1 ton containers and 100/150 lb. cylinders

TEMPERATURE RANGE:

- -40°F to 120°F (-40°C to 49°C)

HOSE CONSTRUCTION:

- Convuluted PTFE core with a double layer of PVDF braid
- 1" hoses are covered with a CPE jacket for abrasion protection
- Optional heavy duty high density polyethylene spiral wrap available
- Schedule 80 monel male pipe fittings
- Monel schedule MSS type A stub ends available for 1" size
- 1/2" size males have a press-fit liner/insert to prevent erosion
- S818XX hose's innercore is thermally treated to enhance hose performance in extreme applications.

Chlorine transfer is recognized as one of the most challenging and potentially hazardous hose applications. Aware of the clear need for safety, reliability and performance, Titeflex has engineered a unique product to meet the demands of this critical application. Titeflex S818XX chlorine hoses are internationally accepted and recognized for providing many years of unparalleled safety and performance.

APPLICATION ADVANTAGES:

- No Phthalate. Titeflex only uses 100% PTFE in the liner that remains flexible and does not leach.
- Engineered specifically to meet the critical application conditions of chlorine transfer
- Used worldwide by major chemical producers
- Meets or exceeds the Chlorine Institute guidelines, Pamphlet 6 Appendix A
- S818XX assemblies are more flexible and resilient than metal hose. The PTFE innercore is virtually stress-free in continuous flexing installations. The convolutions of Titeflex chlorine hose are shallow and helical, rather than annular as in metal hose, to facilitate draining and cleaning and reduce transfer time cycles.
- Titeflex chlorine transfer hose is currently available in 1/2" and 1" ID's. It offers full flow characteristics for faster loading and unloading and are supplied directly from the Titeflex plant in lengths from one to 30 feet.
- For quality assurance and traceability, each factory-made and tested assembly is serialized and recorded at Titeflex, along with the installation location and date. The assembly is also clearly tagged with its pressure and temperature ratings.

WARNING

These products can be used to convey hazardous fluids, steam, and other dangerous materials which can cause personal injury or property damage if released through misuse, misapplication, or damaged. The user is responsible to analyze each application prior to specifying any product from this catalog. Due to the wide variety of operating conditions and applications, the user, through personal analysis and testing, is solely responsible for final product selection and meeting all performance, safety, and warning requirements. Careful selection, proper assembly and use of hose fittings and accessories is essential for the safe and warranted operation of the hose assembly.

MONEL MALE NPT EACH END SPECIFICATIONS

ASSEMBLY PART NUMBER	NOMINAL SIZE		NOMINAL ID	NOMINAL OD	MAXIMUM OPERATING PRESSURE	BURST PRESSURE ROOM TEMP	MAXIMUM CONTINUOUS LENGTH	MINIMUM BEND RADIUS @ ROOM TEMP	HOSE WEIGHT	FITTING THREAD NPT
	in	mm	in	in	psi	psi	ft	in	lb/ft	
S81808-L	1/2	13	.500	.900	500	2,500	30	2.00	.22	1/2 – 14
S81816-L	1	25	1.000	1.875	375	1,875	30	6.00	1.00	1 – 11-1/2

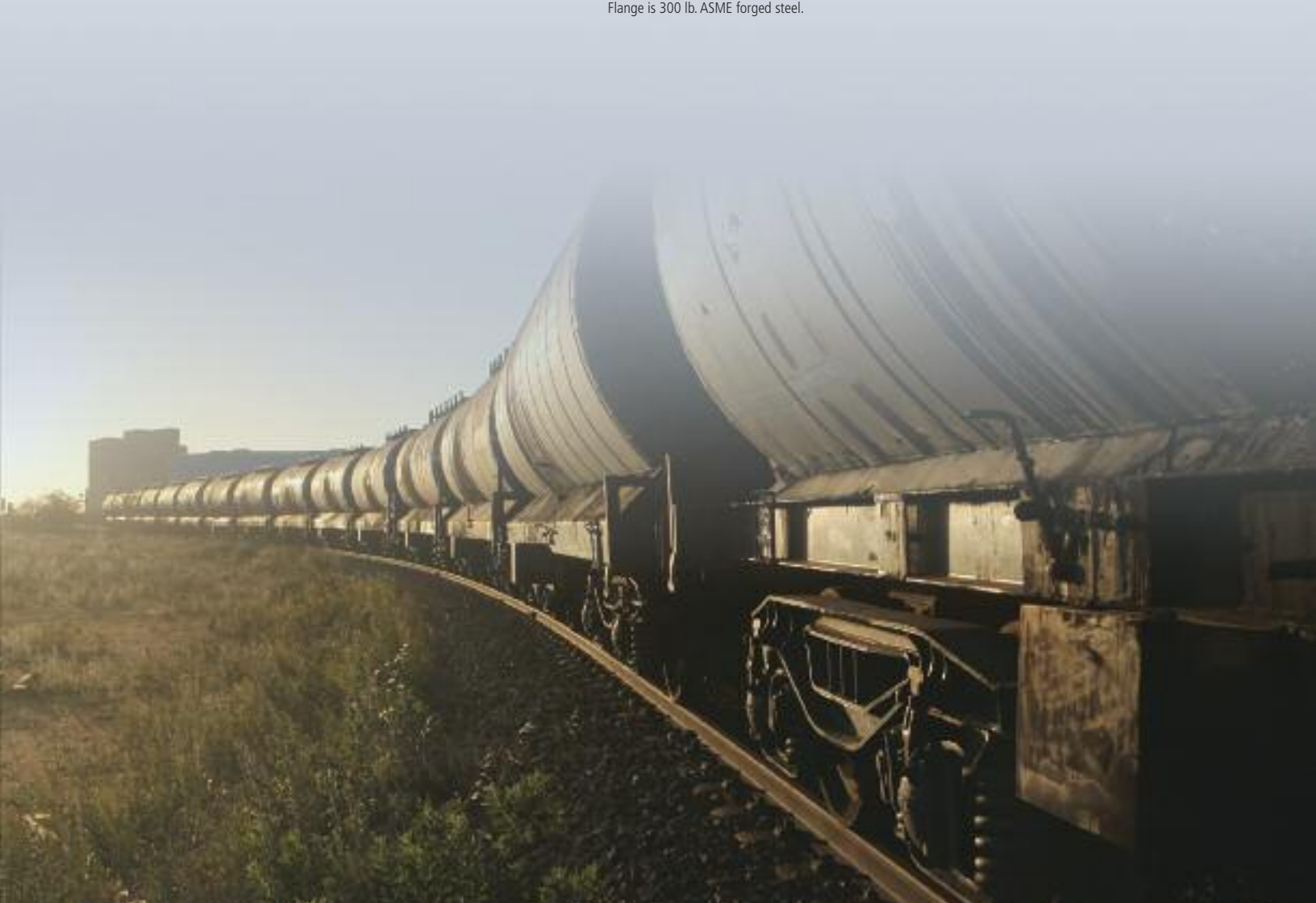


S818XX PTFE CHLORINE/BROMINE HOSE

ALTERNATE END FITTING STYLE

ASSEMBLY PART NUMBER	HOSE SIZE, IN.	END FITTING
111451-L	1	MALE NPT & FLANGE*
111437-L	1	FLANGE X FLANGE

* Flange retainer is Monel Schedule 80, MSS type A above piece construction with no welds. Flange is 300 lb. ASME forged steel.



WARNING: These products can be used to convey hazardous fluids, steam, and other dangerous materials which can cause personal injury or property damage if released through misuse, misapplication, or damaged. The user is responsible to analyze each application prior to specifying any product from this catalog. Due to the wide variety of operating conditions and applications, the user, through personal analysis and testing, is solely responsible for final product selection and meeting all performance, safety, and warning requirements. Careful selection, proper assembly and use of hose fittings and accessories is essential for the safe and warranted operation of the hose assembly.