Product Focus



Anhydrous Ammonia

Corrugated Metal Hose Assemblies

Hose Master offers a durable, safe, and long lasting solution for anhydrous ammonia hose applications. Considered one of the most hazardous chemicals utilized by the farming and agriculture (fertilizer) industries, in an anhydrous ammonia handling system, the hose connection is often considered the weakest link. Typically, a reinforced rubber hose has been used but, wear can cause the rubber to swell, split, soften or blister. If not taken care of, the consequences can be catastrophic.

Hose Master's assemblies are constructed from a fully stainless flexible corrugated metal hose with stainless wire braid and welded stainless steel fittings attached each end. They were designed to meet stringent OSHA 1910.111 requirements and comply with a 5/1 safety factor, permanently attached metal tag, 350 psi working pressures and 500 psi test pressures.

Hose Master's all metal construction provides the most reliable and worry-free answer to dangerous anhydrous ammonia concerns.

Anhydrous Ammonia Assembly Features

- All stainless hose, braid, & fittings
- Variety of fitting options
- Size ranges from 1/2" - 2" I.D.
- 350 psi working pressure / 500 psi test pressure
- 5 to 1 safety factor
- Metal tag indicating Anhydrous Ammonia, working pressure, manufacturer and year

Anhydrous Ammonia Assembly Specifications

Inside Diameter (in.)	Number of Braids (#)	Outside Diameter (in.)	Static Minimum Bend Radius (in.)	Dynamic Minimum Bend Radius (in.)	Maximum Working Pressure (psi)	Burst Pressure (psi)
1/2	1 2	.83 .89	1.5	5.5	350	1750
3/4	1 2	1.22 1.28	2.1	8.0	350	1750
1	1 2	1.53 1.59	2.7	9.0	350	1750
1 1/4	1 2	1.83 1.91	3.1	10.0	350	1750
1 1/2	1 2	2.16 2.24	3.9	11.0	350	1750
2	1 2	2.69 2.77	5.1	13.0	350	1750

Anhydrous Ammonia Assembly Applications

- Anhydrous ammonia systems, including refrigerated ammonia storage systems

HOSE MASTER

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ISO 9001
Registered Quality System

NAHAD Metal Hose Listed Manufacturer

12/09