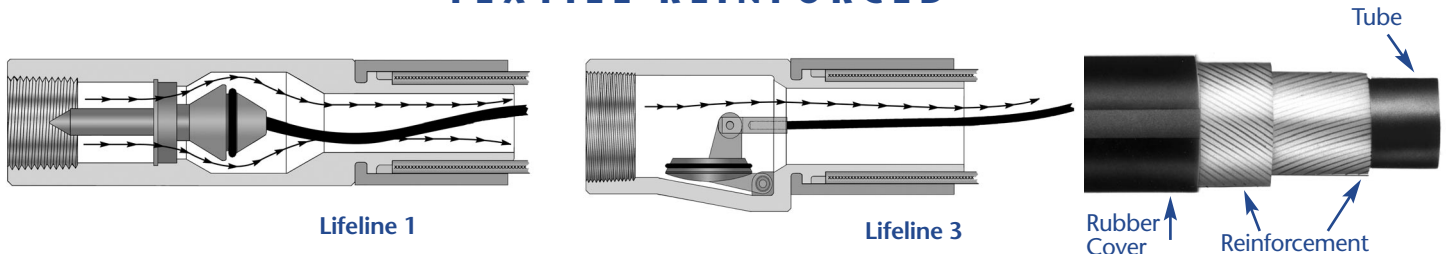


**Smart-Hose™****FLUID SYSTEMS**

ENGINEERING DATA

# Anhydrous Ammonia Transfer Hose

TEXTILE REINFORCED



Lifeline Smart-Hose Safety System is combined with a heavy duty NH<sub>3</sub> textile reinforced transfer hose designed to meet the most rugged applications found in the fertilizer industry. The hose assembly meets the requirements of DOT HM 225. The "Smart-Hose" end connections provide excellent performance with all the extra safety your employees and customers deserve.

These assemblies are excellent for all industrial ammonia applications including Riser & Nurse Tank applications found in the agricultural market place.

- Each hose is tested under water with dry air or nitrogen to Test Pressure.
- Each hose is serial numbered.
- Each hose comes with Test Certificate & Operating Booklet.
- 316 Stainless Steel couplings are designed for reuse on new hose.
- Hose can be made to meet DOT HM225/46CFR173.315
- Each hose meets NFPA 59
- Hose can be made to meet DOT - E-12325 – (Special rail car unloading exemption eliminates requirement for human monitoring during unloading procedure).

## • Liquid/Gas Hose Data

<b>Cover</b>	Black EPDM with Green stripe – abrasion & weather resistant
<b>Reinforcement</b>	Multi layers of nylon – min. burst 1750 psi
<b>Tube</b>	High grade permeation resistant EPDM rubber
<b>Branding</b>	Anhydrous Ammonia Hose Max. WP 350
<b>Temperature</b>	-40°F to +180°F (-40°C to +82°C)
<b>Maintenance</b>	See Smart-Hose Proper Hose Use, Care and Maintenance Booklet Form # 1999-1

ID	WP psi	Hose Wt/Ft	Coupling Weight		Coupling Length	Part #
			Lifeline 1	Lifeline 3		
3/4"	350	0.44 lb	1.60 lb	na	3.60"	R3000614000
1"	350	0.58 lb	2.50 lb	na	4.40"	R3000814000
1 1/4"	350	0.68 lb	2.90 lb	na	5.42"	R3001014000
1 1/2"	350	1.05 lb	na	3.40 lb	4.47"	R3001232000
2"	350	1.38 lb	na	4.70 lb	5.36"	R3001632000

Weights & dimensions are subject to change

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