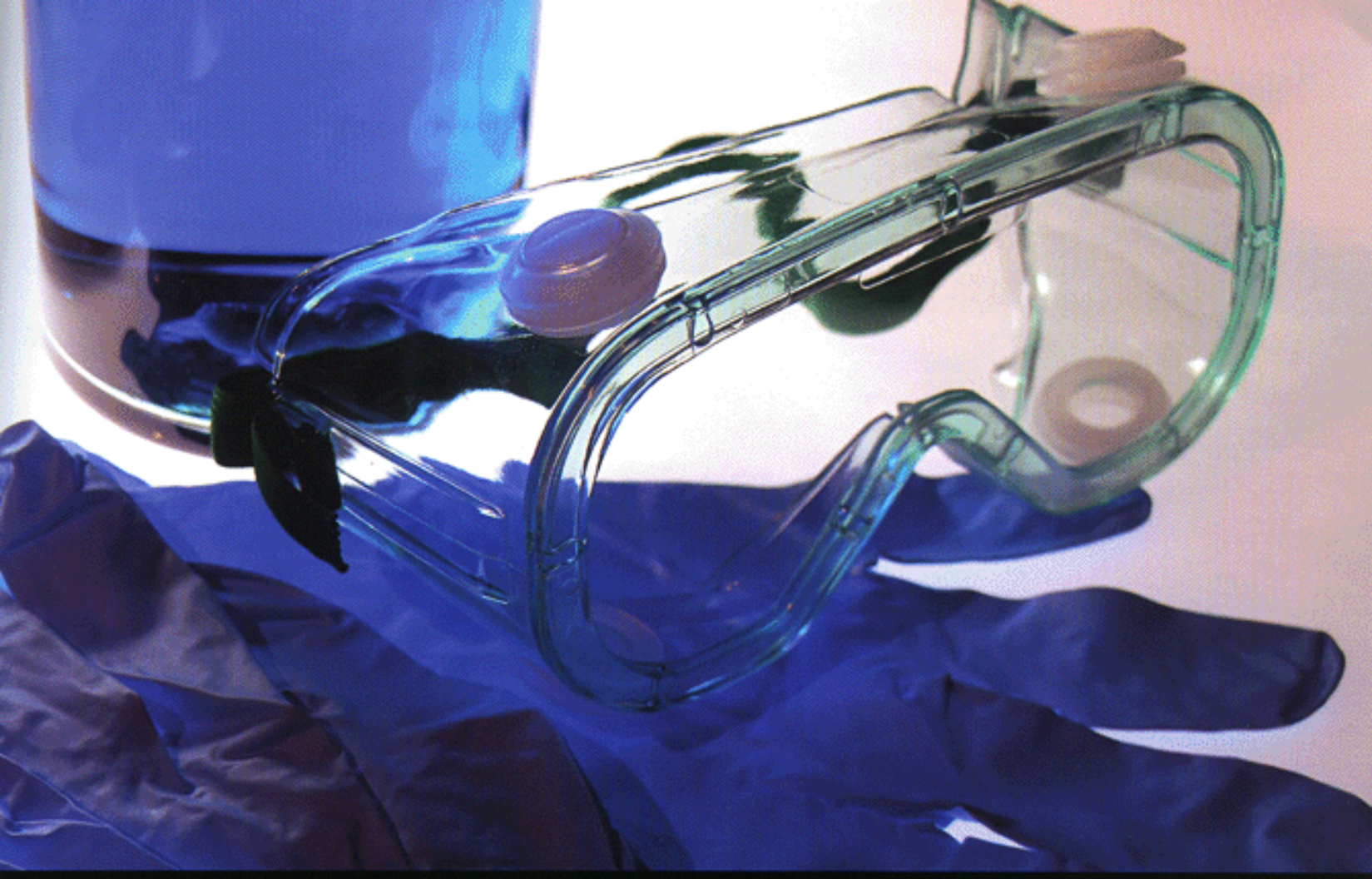

TECHNICAL

HOSE SELECTION

Titan suggests using the **"STAMPED"** guide to assist in determining the correct hose, coupling, and attachment method when selecting a hose.

S	SIZE:	I.D., O.D. and length of hose that is required.
T	TEMPERATURE:	Temperature of the material being conveyed.
A	APPLICATION:	Conditions of use for the hose.
M	MATERIAL:	Type and concentration of material being conveyed.
P	PRESSURE:	Working pressure for which the hose assembly will be exposed.
E	ENDS:	Style, type, and attachment method of end fittings.
D	DELIVERY:	Testing, packaging, and delivery requirements.

You can extend the life of your hose by...

- Choosing the appropriate hose for the job. In addition to multi-purpose hoses, Titan offers hoses that are specifically designed for critical applications.
- Selecting the proper length of hose and keeping the hose from high traffic areas.
- Inspecting the hose before each use especially in critical applications. Inspect for coupling movement, kinks, cover perforations, soft spots or any other visible damage.
- Storing the hose in a cool, dry place off of the ground. Keeping the hose out of direct sunlight.
- Draining and cleaning the hose after each use.
- Pressure testing each hose at 150% of its working pressure at regular intervals. Testing intervals will depend on frequency and critical nature of the application.
- Using proper hose suspension equipment to ensure recommended curvature of the hose is not exceeded, and to provide an uninterrupted flow of material.

You will reduce the life of your hose by...

- Using the hose to move materials it was not designed to convey.
- Exceeding the hose's maximum working temperature and pressure.
- Leaving product trapped in the hose for prolonged periods of time.
- Exceeding the hose's minimum bend radius.
- Not using proper adapters where necessary.
- Dragging the hose over rough surfaces.

Safety

Special note: Working pressures are recommended in accordance with RMA design safety factors at **ambient temperatures**. Do not operate outside hose temperature limits. Even within hose temperature limits, end fittings and hose size can impact performance at higher temperatures. For your safety, Titan recommends the following working pressure reductions at the following temperatures.

80° to 150°F	Reduce working pressure by 15%
150° to 225°F.	Reduce working pressure by 30%
Over 225°F.	Reduce working pressure by 50%