

Reflexxtm Materials of Compatibility

Concentrated Product

Temporary Storage (such as Day Tanks)

- Any grade stainless steel for periods less than 48 hours. Rinse thoroughly after use.

Bulk Storage

- 316 Stainless Steel (nitric component will leach iron from 304 SS)
- Reflexx is **incompatible** with Aluminum, Brass, Copper and Iron

Piping / Tubing

- CPVC is acceptable (PVC for dilute product is OK)
- 316 Stainless steel is acceptable
- Teflon tubing is acceptable

Pump wetted parts

- 316 Stainless Steel
- Teflon
- Kynar (PVDF)
- Ceramic
- **Peristaltic pumps are not recommended as we can find no pump tube that is compatible**

Gaskets / Diaphragm /Seals

- Kalrez, Kynar (PVDF) & Teflon are recommended
- Viton is fair, but not recommended long term
- **EPDM is to be avoided**

Pumps

- **Electronic diaphragm pumps** are **NOT** recommended without air bleed device
- Eductors or air-operated diaphragm pumps are preferred

Note:

Pressure relief valves are essential for any product in lines that may be subject to closure at both ends. Relief pressure is dependent on materials used.