

# PermaSeal<sup>®</sup> Internal Expansion Fittings for SaniGard<sup>®</sup> Rubber Hose (sold as component only, no assemblies)

## INDUSTRY COMPLIANCES:

- 3-A 62-01 LISTED
- ACCEPTED BY USDA DAIRY, EGG, MEAT AND POULTRY, CANADIAN FOOD INSPECTION AGENCY (CFIA)
- REVIEWED BY MILK SAFETY BRANCH IN COMPLIANCE WITH GRADE "A" PASTEURIZED MILK ORDINANCE/FDA

## Applications

- Food
- Beverage
- Dairy
- Cosmetics
- Personal Hygiene

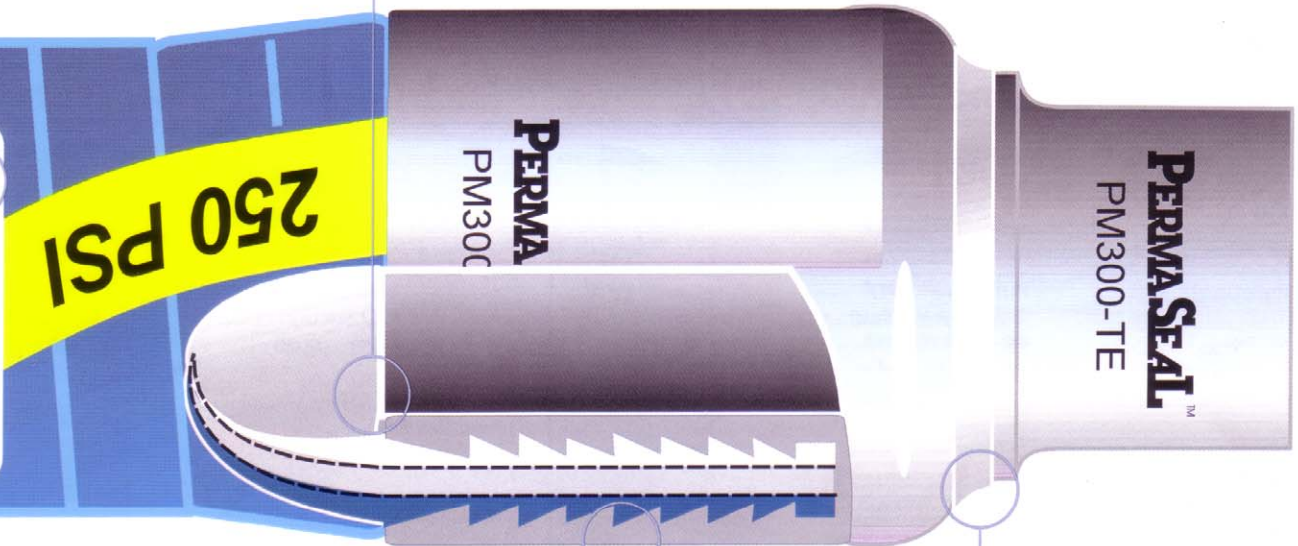


## Features and Benefits

- **Internal expansion design**
  - 360° fixed seal at fitting/stem junction eliminates the possibility of product wicking between hose and fitting
  - Made of grade 316L stainless steel with an average interior surface finish of 15Ra or better
- **Sanitary**
  - Meets the stringent requirements of food, beverage, dairy and cosmetic applications
  - Full flow compression seal and smooth bore design prevent bacteria build-up
- **Cleanable**
  - Suitable for Clean-In-Place procedures
- No disassembly for cleaning like clamped-in fittings
- **Safe**
  - Channel locking components, when assembled, become a single unit that resists separation under severe conditions
  - No straps or bands to injure workers

3-A 62-01 listed – compliance with highest sanitary standards

Full flow smooth bore design – no bacteria harboring edges, eliminates internal obstruction



Reverse barb serrations provide excellent retention – prevents fitting blow-off

360° gasket seal at stem-to-hose-sleeve junction point – no external entrapment areas

**3-A** This sanitary hose assembly has been certified by an authorized Saint-Gobain Performance Plastics Distributor to meet the requirements of 3-A Sanitary Standard 62-01

**WARNING:** Subsequent rework or reassembly by unauthorized personnel will void warranty. Periodic inspection is required to maintain Good Manufacturing Practices.

## Fitting Details

- PermaSeal® internal expansion fittings for SaniGard® rubber hose are available in sizes 1-1/2" up to 4" in 10 end styles
- Stems are manufactured from grade 316L stainless steel with an average interior surface finish of 15Ra or better
- Hose sleeves are available in stainless steel
- No assembly from factory

## End Connector Styles

*Other end styles are also available with additional welding charges.*



## Hose Sleeve (Stainless Steel)

- Elevated temperature
- CIP and COP suitable
- Excellent durability
- Higher pressure ratings
- Chemically resistant



## SaniGard® Rubber Hose



SaniGard® Protector™  
PSD Suction & Discharge  
Hose pg 26



SaniGard® Sentry® SSW  
Softwall Discharge Hose  
pg 26



SaniGard® Challenger™ FEP/Teflon®  
Suction & Discharge Hose  
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SaniGard® Gladiator®  
Crush-Resistant Hose  
pg 27



SaniGard® G-FDA Gray FDA  
Sanitary Transfer Hose  
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SaniGard® FGR Sanitary  
Transfer Hose  
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