

SF SERIES Sanitary Fittings

SF Series sanitary fittings from Nordson MEDICAL are designed for use in single-use container fluid transport systems, manifolds and wherever sensitive fluids must be transferred. They are offered in four flange sizes, 3/4" ("Mini"), 1-1/2", 2", and 3" ("Maxi"). All work with flanges made to ASME-BPE specifications. SF Series sanitary fittings incorporate 600 Series barbs for easy use with silicone, C-Flex® or Tygon® tubing.

FEATURES & BENEFITS

- Animal-free materials
- Radiused flow surfaces for smooth uninterrupted flow
- "Mini" & "Maxi" sizes
- No Particulate build-up
- No BSE documentation required
- Easy to retrofit current operations
- Works with commercially available clamps
- Interior surface controlled to 15 Ra microinch
- Supports cryogenic applications to -80° C

SPECIFICATIONS

- **Materials:**
Animal Free Polypropylene, Natural PVDF
- **Tubing Sizes:**
1/4", 3/8", 1/2", 3/4", 1"
- **Leak Resistance:**
Sanitary fittings were tested pneumatically and hydrostatically.
3/4", 1-1/2", and 2" - 80 psi max working pressure
3" - 50 psi max working pressure
- **Tubing Removal Force:**
1/4" PP with C-Flex shore tubing: 21 lbs.
1/2" PP with C-Flex shore A tubing: 89 lbs.
1" PP with C-Flex shore A tubing: 121 lbs.
- **Interior Surface Finish:**
15 Ra Microinch

**SFMN630**

Mini Flange to 600 Series Barb, 1/8" (3.2 mm) Tubing ID, Animal-free Polypropylene or Natural PVDF

**SFMN655**

Mini Flange to 600 Series Barb, 1/4" (6.4 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMN670**

Mini Flange to 600 Series Barb, 3/8" (9.5 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMN680**

Mini Flange to 600 Series Barb, 1/2" (12.7 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMN6100**

Mini Flange to 600 Series Barb, 3/4" (19.0 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMX655**

Maxi Flange to 600 Series Barb, 1/4" (6.4 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMX670**

Maxi Flange to 600 Series Barb, 3/8" (9.5 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMX680**

Maxi Flange to 600 Series Barb, 1/2" (12.7 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMX6100**

Maxi Flange to 600 Series Barb, 3/4" (19.0 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMX6110**

Maxi Flange to 600 Series Barb, 1" (25.4 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFM2X6110**

2" Maxi Flange to 600 Series Barb, 1" (25.4 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFM3X6110**

3" Maxi Flange to 600 Series Barb, 1" (25.4 mm) Tubing ID, Animal-Free Polypropylene or Natural PVDF

**SFMNC**

Mini Cap, Animal-Free Polypropylene or Natural PVDF

**SFMXC**

Maxi Cap, Animal-Free Polypropylene or Natural PVDF

**SFM2XC**

2" Maxi Cap, Animal-Free Polypropylene or Natural PVDF

**SFM3XC**

3" Maxi Cap, Animal-Free Polypropylene or Natural PVDF

**GMN450**

Molded Gasket for Mini Flange, Platinum-Cured Silicone

**GMX455**

Molded Gasket for Maxi Flange, Platinum-Cured Silicone