- Smooth-Bor® Styles 103/105 are manufactured from a high performance EVA copolymer selected for its superior clarity and flex life.

- Inside diameters range from 10mm (.394) to 51mm (2.000).

- Integral end fittings, patented by Smooth-Bor®, are available for Styles 103/105 and provide a clean tube termination. The tube and end fittings share the same inside diameter.

- The smooth interior promotes laminar flow.

- Smooth-Bor® tubing is clear and has no odor.

- Smooth-Bor® tubing is light weight yet strong.

- Smooth-Bor® tubing has very low compliance.

- The tubing is available in cut lengths from 4/100mm to 120’/3000mm depending on the diameter.

- These inexpensive styles create a truly disposable tube without sacrificing quality.

- Smooth-Bor® tubing is designed so that even a very sharp bend will not close off flow.

- The maximum working temperature is 130˚ F (55˚ C).

- Smooth-Bor® Styles 103/105 can be sterilized by radiation or ethylene oxide (E.O.).

- The smooth bore is excellent for noiseless smoke evacuation.

- Smooth-Bor® Styles 103/105 comply with FDA regulation 21 CFR 177.1350 subject to the extraction conditions.

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**Smooth-Bor® Style 103** is designed to fit a 22mm male fitting on both ends. Overall length includes the integral end fittings. Indicate Style 103-(length).

**Example:**

**Style 103 – 48”**

1 indicates style 2 overall length of 4” to 120”

This specifies a Smooth-Bor® tube Style 103 with an overall length of 48 inches.

**Smooth-Bor® Style 105** identifies an inside diameter other than 22mm. Indicate Style 105– (inside diameter)– (length). Both ends must be same inside diameter.

**Example:**

**Style 105 – 10mm – 750mm**

1 indicates style 2 inside diameter 3 overall length

This specifies a Smooth-Bor® tube Style 105 with an inside diameter of 10mm and an overall length of 750mm, designed to fit 10mm male fittings.

Different end fitting lengths are available.
Smooth-Bor® Styles 303/305 are manufactured from a polyester elastomer selected for its clarity, light weight, temperature range, and strength.

- Inside diameters range from 10mm (.394) to 38mm (1.500).
- Integral end fittings, patented by Smooth-Bor®, are available for Styles 303/305 and provide a clean tube termination. The tube and end fittings share the same inside diameter.
- The smooth interior promotes laminar flow.
- Smooth-Bor® Styles 303/305 are clear with cream colored helix and integral fittings.
- Smooth-Bor® Styles 303/305 are much lighter than silicone rubber tubing yet are extremely strong.
- Smooth-Bor® tubing has very low compliance.

The tubing is available in cut lengths from 4'/100mm to 120'/3000mm depending on diameter.

Smooth-Bor® tubing is designed so that even a very sharp bend will not close off flow.

The smooth interior allows for easy cleaning.

Smooth-Bor® Styles 303/305 can be autoclaved in steam at 270° F (132° C) or pasteurized at 170° F (75° C). The tubing can also be sterilized by radiation or ethylene oxide (E.O.).

The smooth bore is excellent for noiseless smoke evacuation.

Smooth-Bor® Styles 303/305 are made from a polyester elastomer which meets specifications 21 CFR 177.1590 and 21 CFR 177.2600 and therefore are considered to be FDA compliant.

### Smooth-Bor® Style 303
Smooth-Bor® Style 303 is designed to fit a 22mm male fitting on both ends. Overall length includes the integral end fittings. Indicate Style 303 – (length).

**Example:**

*Style 303 – 72”*

<table>
<thead>
<tr>
<th>1 indicates style</th>
<th>2 overall length of 4’ to 120’</th>
</tr>
</thead>
</table>

This specifies a Smooth-Bor® tube Style 303 with an overall length of 72 inches.

### Smooth-Bor® Style 305
Smooth-Bor® Style 305 identifies an inside diameter other than 22mm. Indicate Style 305-(Inside diameter)-(length). Both ends must be same inside diameter.

**Example:**

*Style 305 – 26mm – 40”*

<table>
<thead>
<tr>
<th>1 indicates style</th>
<th>2 inside diameter</th>
<th>3 overall length</th>
</tr>
</thead>
</table>

This specifies a Smooth-Bor® tube Style 305 with an inside diameter of 26mm and an overall length of 40 inches, designed to fit 26mm male fittings.

Different end fitting lengths are available.
• Smooth-Bor® Styles 403/405 are manufactured from a polyester elastomer selected for its strength, light weight, and temperature range. Silicone rubber cuffs are used for high temperature resistance and ease of connection.

• Inside diameters are designed to fit 10, 15, 19, 22, and 26mm fittings.

• Smooth-Bor® Styles 403/405 are clear with cream colored helix and fittings. The tubing is also available in gray tint with gray fittings.

• Smooth-Bor® Styles 403/405 are much lighter than silicone rubber tubing yet are extremely strong.

• Smooth-Bor® tubing has very low compliance.

• The tubing is available in cut lengths from 4’/100mm to 120’/3000mm depending on diameter.

• Smooth-Bor® tubing is designed so that even a very sharp bend will not close off flow.

• The smooth interior allows for easy cleaning.

• Smooth-Bor® Styles 403/405 can be autoclaved in steam at 270°F (132°C) or pasteurized at 170°F (75°C). The tubing can also be sterilized by radiation or ethylene oxide (E.O.).

• Different combinations of cuffs can be assembled to fit different size fittings at each end.

• Smooth-Bor® Styles 403/405 are made from a polyester elastomer which meets specifications 21 CFR177.1590 and 21 CFR177.2600 and therefore are considered to be FDA compliant.
• Smooth-Bor® Styles 503/505 are manufactured from a new metallocene plastomer technology chosen for its superior clarity, flexibility, and strength.

• Inside diameters range from 10mm (.394) to 51mm (2.000).

• Integral end fittings, patented by Smooth-Bor®, are available for Styles 503/505 and provide a clean tube termination. The tube and end fittings share the same inside diameter.

• The smooth interior promotes laminar flow.

• Smooth-Bor® tubing is clear and has no odor.

• Smooth-Bor® tubing is light weight yet strong.

• Smooth-Bor® tubing has very low compliance.

• The tubing is available in cut lengths from 4’/100mm to 120’/3000mm depending on diameter.

• These tubes produced from a polyolefin plastomer (POP) are three times stronger than EVA copolymers.

• Smooth-Bor® tubing is designed so that even a very sharp bend will not close off flow.

• The smooth interior allows for easy cleaning.

• Smooth-Bor® Styles 503/505 can be pasteurized at 170˚ F (75˚ C), or sterilized by radiation or ethylene oxide (E.O.)

• The smooth bore is excellent for noiseless smoke evacuation.

• Smooth-Bor® Styles 503/505 comply with FDA regulation 21 CFR 177.1520, and therefore are considered FDA compliant.

**Smooth-Bor® Style 503** is designed to fit a 22mm male fitting on both ends. Overall length includes the integral end fittings. Indicate Style 503-(length).

**Example:**

**Style 503 – 48’**

1 indicates style 2 overall length of 4’ to 120’

This specifies a Smooth-Bor® tube Style 503 with an overall length of 48 inches.

**Smooth-Bor® Style 505** identifies an inside diameter other than 22mm. Indicate Style 505-(inside diameter)-(length). Both ends must be same inside diameter.

**Example:**

**Style 505 – 10mm – 750mm**

1 indicates style 2 inside diameter 3 overall length

This specifies a Smooth-Bor® tube Style 505 with an inside diameter of 10mm and an overall length of 750mm, designed to fit 10mm male fittings.

Different end fitting lengths are available.
• Smooth-Bor® Style 603 is manufactured from a new metal-loene plastomer technology chosen for its superior clarity, flexibility, and strength.

• This latest addition to our product line features a polyolefin plastomer tube with thermoplastic elastomer fittings. It fits a 22mm male connection on both ends.

• The smooth interior promotes laminar flow.

• Smooth-Bor® Style 603 is gray/clear with a light gray cuff. Also available clear with a light gray cuff.

• Smooth-Bor® Style 603 is a light weight alternative to tubing made from silicone rubber or polyester elastomer.

• Smooth-Bor® tubing has very low compliance.

• The tubing is available in cut lengths from 6’/150mm to 120’/3000mm.

• Smooth-Bor® tubing is designed so that even a very sharp bend will not close off flow.

• The smooth interior allows for easy cleaning.

• Smooth-Bor® Style 603 can be pasteurized at 170°F (75°C), or sterilized by radiation or ethylene oxide (E.O.)

• Smooth-Bor® Style 603 complies with FDA regulation 21 CFR 177.1520, and therefore is considered FDA compliant.

Smooth-Bor® Style 603 is designed to fit a 22mm male fitting on both ends. Overall length includes the fittings. Indicate Style 603-(length).

Example:

Style 603 – 40”

1 indicates style 2 overall length of 6’ to 120’

This specifies a Smooth-Bor® tube Style 603 with an overall length of 40 inches.

TEST DATA AVAILABLE FOR BIOCOMPATIBILITY, CYTOTOXICITY, AND ISO 5367:2000

ALL PRODUCTS ARE LATEX FREE

SMOOTH-BOR®

QUALITY AND INNOVATION SINCE 1971

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