

C - S E R I E S

**SMOOTH-BOR®**

QUALITY AND INNOVATION SINCE 1971

## C - SERIES

# The Original All Plastic Smooth-Bor® Hose

STYLES C-1, C-2, AND R.V. STYLES 90, 101, 102, 104



### FEATURES:

- Smooth-Bor® patented design promotes laminar flow
- Lightweight and economical
- All plastic construction eliminates heavy wire helix
- Returns to shape if crushed
- Easy to clean
- Integral end fittings available
- Segmented flats available
- Custom lengths available

### STYLE C-1 AND C-2:

- Styles C-1 and C-2 are made from a blend of tough LDPE and LLDPE resins
- Heavy duty C-2 offers 25% more material
- Ideal for trailer drain hose
- Any diameter from 1/2" to 4"
- 10' max length up to 1" ID
- 25' max length 1" to 2" ID
- 50' max length 2" to 4" ID
- Temperature range: -30°F to +160°F
- U.V. stabilized
- Colors available
- Integral end fittings available
- Custom sizes and lengths

Smooth-Bor®'s C-Series is a lightweight product line designed to provide an economical solution to moving gasses, fluids, and lightweight materials. Smooth-Bor® patented corrugated hose with a smooth inner bore and integral end fittings, promotes laminar flow, and facilitates cleaning. It can easily be cut with a knife, and is available with or without integral end fittings for a clean hose termination. End fittings allow for easy connections with a hose clamp.

Applications include duct and vent, fume removal, dust collection, and trailer drain. Our recreational vehicle styles of water fill hose are IAPMO listed for potable water and sink drain applications. The unique colors of our R.V. product line, white helix over FDA aqua film, mean you're using the best!

### STYLE 90, 101, 102, 104 SINK DRAIN AND WATER FILL HOSES:

- Style 90 is our sink drain tube with a 3/4" ID
- Style 101 is our 1 3/8" water fill hose (*pictured*)
- Style 102 is our 1 1/4" water fill hose
- Style 104 is our 1 1/2" water fill hose
- Styles 101, 102, and 104 are made from an FDA compliant EVA copolymer film with an MDPE helix
- All are IAPMO listed for potable water
- Available with segmented flats
- 10' lengths standard, custom lengths available
- Styles 101 and 102 are available in lengths up to 25'

**SMOOTH-BOR®**

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1 1 1 - S E R I E S

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## 111 - SERIES

# Coextruded Industrial Hose

STYLES 110, 111, 112, 113, 114



### FEATURES:

- Smooth-Bor® patented design promotes laminar flow
- Manufactured in any diameter from 1/2" to 4" ID
- 10' max length up to 1" ID
- 25' max length 1" to 2" ID
- 50' max length 2" to 4" ID
- Lightweight yet durable
- Returns to shape if crushed
- Two part construction is thermally fused without use of adhesives
- Can be U.V. stabilized
- Slip agent can be added
- Colors available
- Integral end fittings available
- Custom lengths available

### STYLES 111, 112, 113:

- Style 111 is the standard duty workhorse, built to last (*pictured with orange helix over black film*)
- Style 112 is a lighter version with additional flexibility
- Style 113 is the heavy-duty version with 20% more material
- High impact EVA copolymer film for clarity
- Standard color is opaque helix over clear film
- Temperature range: -30°F to +160°F
- All plastic construction

### STYLE 110, 114:

- Style 110 is a hose where materials can be manipulated to customize a product. Various material constructions allow us to design hose and tubing to suit your specific needs
- Style 114 is a product line for demanding applications
- Style 114 utilizes a tough, high performance metallocene plastomer film
- Style 114 temperature range: -30°F to +180°F
- Style 114 can be manufactured with a bare copper wire for static lead-off

Smooth-Bor®'s series of insulation blowing and industrial hose is manufactured using a clear high performance film material, and abrasion resistant HDPE helix. The transparent film allows users to see materials conveying. All styles feature Smooth-Bor® patented designs. Integral end fittings are available on all diameters. The HDPE helix is lighter than a wire helix, and the all-plastic design returns to shape if crushed. Hoses can easily be cut to size with a knife.

Applications include insulation blowing, materials conveying, particle collection, and other fluid or particulate conveying.

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SPECIALIZED STYLES

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## SPECIALIZED STYLES

# TPV, Conductive, and Flame Retardant Styles



### STYLE 115:

- Manufactured using Santoprene® film material with a PP helix
- Highly flexible, chemically resistant
- Ozone resistant
- Diameters from 3/4" to 4" ID
- 10' max length up to 1" ID
- 25' max length 1" to 2" ID
- 50' max length 2" to 4" ID
- Continuous temperature rating: 1000 hours @ 275°F
- Excellent flex fatigue resistance
- Color options available

### CONDUCTIVE STYLES:

- Style 212 has carbon black film compounded with EVA copolymer
- Style 211 film is modified with metallocene plastomer
- HDPE helix with color options
- Available in diameters from 1/2" to 4" ID
- Temperature rating: -30°F to +130°F

**S**mooth-Bor®'s line of specialized products give us the opportunity to provide products made from Santoprene® (or equivalent), conductive or flame retardant materials. All styles are available with integral end fittings, and custom lengths are available. All-plastic design returns to shape if crushed. We can manipulate the materials of construction to provide a custom product designed to suit your needs.

### FLAME RETARDANT STYLES:

- Styles C-4, C-5, and C-6 are flame retardant products UL® listed to VW-1 rating
- Style C-4 diameters from 1" to 4" (*pictured*)
- 25' max length up to 2" ID
- 50' max length 2" to 4" ID
- Style C-4 is made from a blend of tough LDPE and LLDPE resins with a temperature range of -30°F to +160°F
- Style C-5 diameters from .394 (10mm) to 2" (51mm) ID, 10' max length
- Style C-5 is made from a flexible EVA copolymer with a temperature range of -30°F to +150°F
- Style C-6 diameters from 1/2" to 2" ID, 10' max length
- Style C-6 is a two-part construction
- Style C-6 is constructed with a flexible EVA film with crush resistant MDPE helix
- Style C-6 temperature range: -30°F to +150°F

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