

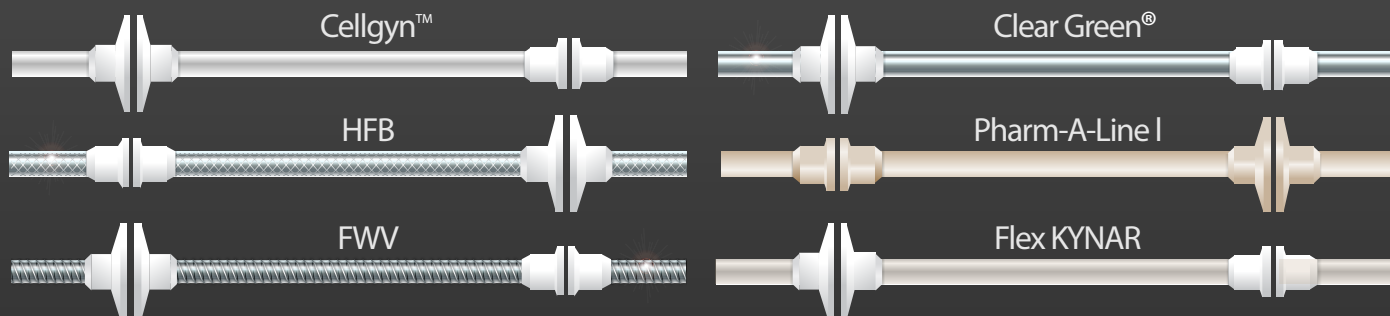
aSURE™ Sanitary Molded Hoses

A wide offering for your specific application.

TBL Performance Plastics manufactures its complete line of over-molded hoses for various FDA-regulated applications. We offer the widest selection of materials for your specific regulatory and functional requirements.

In addition to our standard offering, TBL works with OEMs to develop highly customized connections and configurations.

Contact us directly to discuss your specific application requirements, or visit our website to use our interactive Hose Builder. There you can specify your hose in a convenient plug-and-play feature.



| Application | Cellgyn™ | ClearGreen® | FWV | HFB | Flex KYNAR | Pharm-A-Line I |
|--------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| Beverage | | • | • | • | • | |
| Biopharmaceutical | • | | | • | • | • |
| Bioreactor Processes | • | | | | • | • |
| Buffer Solutions | • | | | | | • |
| Filling Systems | • | • | | • | • | • |
| Food | | • | | • | • | • |
| High Pressure | | | • | • | • | |
| Load Cell Isolator | • | • | • | • | | • |
| Membrane Systems | | • | • | • | | |
| Micro Filtration Systems | • | • | • | • | • | • |
| Peristaltic Pumps | • | | | | | • |
| Permeate Lines | | • | • | • | | |
| Personal Care Products | | • | • | • | | • |
| Pump Isolator | | • | • | • | | • |
| Purified Water | • | | | | • | • |
| Singe Use Systems (SUS) | • | | | | • | • |
| Sterile Filling | • | | | | • | • |
| Vacuum | | | • | | • | |
| Temperature Range | -88°F (-67°C) to +275°F (135°C) | +25°F (-4°C) to +150°F (+65°C) | +25°F (-4°C) to +150°F (+65°C) | +25°F (-4°C) to +150°F (+65°C) | -40°F (-40°C) to 275°F (135°C) | -88°F (-67°C) to +275°F (135°C) |



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Specifying Your Part Number

HFB.04.3.1212-120

HFB= Braided PVC **04**=1/4" (6.4MM) **3**= 3/32" (2.4MM) WALL **12**= MINI **12**= MINI **120**= 120" LENGTH

Hose

HFB= Braided PVC
FVW= Wire Reinforced PVC
CG= ClearGreen non-Reinforced PVC
PHI=Pharm-A-Line I
CGN=Cellgyn
PVDF= (KYNAR)

Bore Inside Diameter

1/8" (3.2MM) = 02
3/16" (4.2MM) = 03
1/4" (6.4 MM) = 04
5/16" (7.9 MM) = 05
3/8" (6.4 MM) = 06
1/2" (12.7 MM) = 08
5/8" (15.9 MM) = 10
3/4" (19 MM) = 12
7/8" (22.2 MM) = 14
1.0" (25.4 MM) = 16
1 - 1/4" (31.75 MM) = 20
1 - 1/2" (38.1 MM) = 24

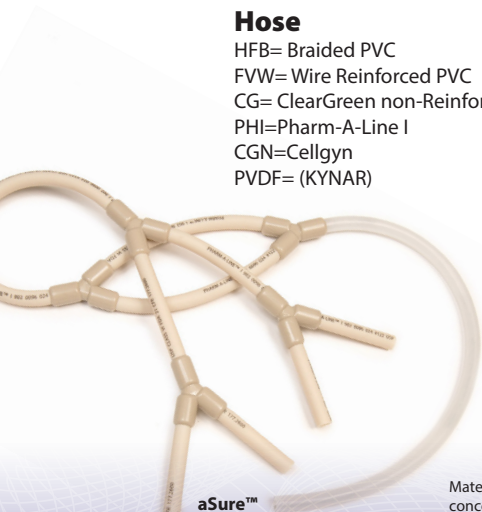
Wall Thickness

SW= *Standard Wall
HW=*Heavy Wall
1/32" (0.79 MM) = 1
1/16" (1.6 MM) = 2
3/32" (2.4 MM) = 3
1/8" (3.2 MM) = 4
3/16" (4.8 MM) = 5

*Applies to HFB and FVW

Sanitary Connections

Mini = 12
1" (Ladish) = 16
1-1/2" = 24
2" = 32



aSure™
Overmolded manifolds.

Material properties may be affected greatly by temperature, operating pressure, chemical concentration, the presence of other chemicals, and other factors. Ultimately, users should determine the compatibility of any product through field testing under their particular process conditions. Specifications are subject to change without notice.