**PHARMALINE® X**

PTFE Hose for biotechnology and pharmaceutical fluid transfer

Replaces silicone rubber hose in applications where total internal chemical resistance is required

**PHARMALINE X PTFE HOSE ASSEMBLY**

**PHARMALINE X HOSE SPECIFICATIONS**

**HOSE BORE SIZE RANGE** -

\( \frac{3}{4} \)" (6.4MM) UP TO 2" (50MM)

**HOSE LENGTHS** -

20 METRES (65 FEET) UP TO 1", 6 METRES (20 FEET) UP TO 2"

**TEMPERATURE LIMITS** -

FROM -100°F (-73°C) UP TO +400°F (+204°C)

**WORKING PRESSURE RATINGS** -

109 PSI (7.5 BAR) FOR \( \frac{3}{4} \)" TO 29 PSI (2 BAR) FOR 2"

**VACUUM LIMITATIONS** -

USABLE AT VACUUM TO -0.9BAR FOR ALL SIZES UP TO 302°F (150°C)

**END FITTING OPTIONS** Non-Lined design for:

SANITARY TRICLAMP FITTINGS, ANSI 150 FLANGE FITTINGS, DIN FITTINGS, CAM & GROOVE FITTINGS AND MORE. LASER ETCHED FERRULE FOR ULTIMATE TRACEABILITY.

FOR THE FULL PHARMALINE X HOSE BROCHURE PLEASE VISIT - [WWW.AFLEX-HOSE.COM](http://WWW.AFLEX-HOSE.COM)
**SPECIFICATIONS FOR PHARMALINE X HOSE GRADES**  
† Maximum Working Pressures do not vary with temperature

<table>
<thead>
<tr>
<th>Nominal Hose Bore Size</th>
<th>Actual Hose Bore Size</th>
<th>Helix Wire</th>
<th>Outside Diameter of Cover</th>
<th>Minimum Bend Radius</th>
<th>*Maximum Working Pressure</th>
<th>Burst Pressure</th>
<th>Weight per Unit Length</th>
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<tbody>
<tr>
<td>in</td>
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*MAXIMUM WORKING PRESSURES (MWP)*  
The lesser of the MWP for the hose and the MWP of either of the end fittings.

**TEMPERATURE LIMITATIONS**  
Usable from -100°F (-73°C) up to +400°F (+204°C)

**VACUUM LIMITATIONS**  
Pharmaline X hose is usable at vacuum to -0.9bar up to 302°F (150°C).

**ROLLING U TEST FOR FLEX LIFE**  
(View this in the 'Videos' section of our website)  
More than 15x the flex life to failure compared with other types of rubber covered, smoothbore PTFE lined hose products.

**FLEXIBILITY**  
Much less force to bend than any other equivalent smooth bore PTFE lined hose product.

**KINK RESISTANCE**  
(See website for video)  
Much more resistant to kinking than any other equivalent smooth bore PTFE lined hose product.