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

**Pharmaline X**
PTFE Hose for biotechnology & pharmaceutical fluid transfer

**PHARMALINE X PTFE HOSE ASSEMBLY**

**CLEAR PLATINUM CURED SILICONE RUBBER COVER**
(Marked in accordance with EN 16643)

**NON-LINED DIN 11851 FEMALE END FITTING**

**PHARMALINE X HOSE SPECIFICATIONS**

**HOSE BORE SIZE RANGE** -
1/4” (6.4MM) UP TO 2” (50MM)

**HOSE LENGTHS** -
65 FEET (20 METERS) UP TO 1”, 20 FEET (6 M) UP TO 2” TO 3”

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

**WORKING PRESSURE RATINGS** -
109 PSI (7.5 BAR) FOR 1/4” 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.
SPECIFICATIONS FOR PHARMALINE X HOSE GRADES

<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>
<td>mm</td>
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<td>mm</td>
<td>in</td>
<td>Psi</td>
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</table>

* 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.

PHAX - USA/13.12.19 Rev 5