Pharmaline N
PTFE Hose for biotechnology & pharmaceutical fluid transfer

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

Pharmaline N PTFE Hose Assembly

White Platinum Cured Silicone Rubber Cover
(Marked in accordance with EN 16643)

316 Stainless Steel Wire Braided

PTFE Liner Tube, Externally Convoluted, Internally Smoothbored Natural White, or Black Anti-Static

Non-Lined Sanitary TriClamp End Fitting

Pharmaline N Hose Specifications

Hose Bore Size Range -
1/4” (6.4MM) up to 3” (80MM)

Hose Lengths -
100 Feet (30 Meters) up to 2”, 59 Feet (18 M) up to 2 1/2”,
49 Feet (15 Meters) up to 3”

Temperature Limits -
From -100°F (-73°C) up to +400°F (+204°C)

Working Pressure Ratings - 1160 PSI (80 BAR) for 1/4”
To 218 PSI (15 BAR) for 3”

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.
Our Locations:
41 Benton Dr, East Longmeadow, MA 413-525-3977
35 Industrial Pkwy Unit F, Woburn, MA 781-933-3300
920 Broadway, East Providence, RI 401-438-0639

SPECIFICATIONS FOR PHARMALINE N 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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<tr>
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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 N hose is usable at vacuum to -0.9bar up to 302˚F (150˚C).

ROLLING U TEST FOR FLEX LIFE
(See website for video)
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
Much more resistant to kinking than any other equivalent smooth bore PTFE lined hose product.

SOAKABLE
Pharmaline N hose assemblies are soakable.