INTERNAL BLADDER
For
Bladder Tank Proportioning Systems
NPR025

- UL162 Approved, High Tensile Pressure Formed Seams
- Compatible with All Foam Concentrates
- Assembled Via Seam Fusion Process without Adhesives
- Custom Sizes Available

Description
The National Foam Bladder is an integral component of the Balanced Pressure Bladder Tank Proportioning System, which requires no external power other than an adequate water supply. The internal bladder provides a physical barrier which prevents the foam concentrate from coming into contact with the water held inside of the tank shell, both in a static ready state and during actuation, whereby water pressure squeezes the bladder externally pushing the foam concentrate contained within the bladder into the foam system’s foam/water proportioning device. The bladder protects and preserves the foam concentrate from the effects of evaporation and deterioration, eliminating the need for seal oil as sealing barrier between the foam concentrate and air. The bladder is supplied with injection molded single piece anchoring nozzles offering optimal size, shape and fit.

Features
- Compatible with all foam concentrates
- UL Approved
- Homogeneous thermo plastic construction
- No wicking or delamination of fabric reinforcement
- Single piece injection molded anchoring nozzles

Technical Specifications
The National Foam internal bladder is constructed of proprietary elastomeric material with excellent strength and superior chemical resistance. The flexible, fully vulcanized thermoplastic elastomer blend has no plasticizers or phthalates to leach out. All seams are assembled without adhesives using a thermal bonding process, leaving no weak points and/or gaps filled with adhesive in the bladder construction. Standard nozzle sizes are of single piece injection molded construction. All National Foam internal bladders are UL approved for use with National Foam concentrates.
REPLACEMENT BLADDER ORDERING FORM

Gallon Tank _______________  Horizontal Tank ___________  Vertical Tank _____________

Please provide the following information so that we can quote you the correct replacement bladder:

_____________________  Gallon Tank Capacity  ____________________ Tank Shell NBR Number

_____________________  National Foam P/N  ____________________ Tank Shell Manufacturer

_____________________  Tank Shell Serial Number

Provide Measurements of Tank or Bladder as Follows:

Measurement “A” (Head to Head) = _________ ”
Measurement “D” (Diameter) = _________ ”
Measurement “H” Ends (Head to Flange Face) = _________ ”
Measurement “H” Top & Bottom (Head to Flange Face) = _________ ”
Flange #1 Configuration (Pick One Below) = _________ ”
Flange #2 Configuration (Pick One Below) = _________ ”
Flange #3 Configuration (Pick One Below) = _________ ”
Flange #4 Configuration (Pick One Below) = _________ ”

Please be advised that the ID of the flange configurations listed below cannot be assumed. The ID of the flange/neck must be verified to assure that the replacement bladder is sized properly. Please provide the nozzle ID size in the appropriate box, orders for replacement bladders will NOT be accepted unless this information is supplied.

I.D.  I.D.  I.D.  I.D.
9” O.D.  11” O.D.  13-1/2” O.D.  16” O.D.
7 1/2” Bolt Circle  9 1/2” Bolt Circle  11-3/4” Bolt Circle  14 1/4” Bolt Circle