

# Low Pressure - Type 3P

## Polyester Single Jacket Hose

### Performance Features:

National 3P is an economical single jacket industrial hose made from high strength polyester along with an EPDM rubber liner. A tighter weave improves the operating pressure to 135 psi (930 kPa). 3P packs tightly and is very lightweight. For the same style hose in higher pressure applications or for UL or FM approvals, look to 5P or 6P hose types.

### How to Order

3P TYPE	20X50 HOSE I.D. X HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	COUPLING MATERIAL
3P	15 = 1-1/2" 50 = 50' 20 = 2" 100 = 100' 25 = 2-1/2"	W=White (Uncoated)	15 = 1-1/2" 20 = 2" 25 = 2-1/2"	N = NH I = IPT	Blank= Aluminum BR= Brass Rocker Lug BP= Brass Pin Lug

Part Number Example: **3P20X50W15NBR** = 3P Hose, 2" ID by 50' Length, White, 1-1/2" Brass Rocker Lug- NH/NST Threaded Coupling

### Construction:

Polyester Single Jacket  
EPDM Rubber Inner Liner

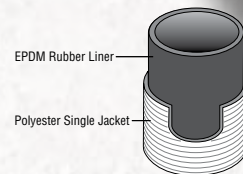
### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Coupling:

Aluminum or Brass NH/NST  
or IPT Threaded

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)		BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS	KG	IN
1-1/2"	150 (1035)	300 (2070)	450 (3100)	8	3.6	1-3/4
2"	150 (1035)	300 (2070)	450 (3100)	13	5.8	2-5/16
2-1/2"	150 (1035)	300 (2070)	450 (3100)	17	7.5	2-13/16

Operating Pressure not to Exceed 90% of Service Test Pressure

# Medium Pressure - Type 5P

## Polyester Single Jacket Hose

### Performance Features:

National 5P hose is the perfect medium pressure hose that is tough enough to meet most application requirements while remaining economical for most budgets. 5P is a polyester single jacket style hose with an EPDM rubber liner that can handle most fluids including some chemicals and petroleum based products. It has a maximum operating pressure of 225 psi (1550 kPa) and can be treated with our optional Dura-Cote™ treatment for a higher level of abrasion resistance while preventing water-pickup.

### How to Order

5P TYPE	20X50 HOSE I.D. X HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	BR COUPLING MATERIAL	OPTIONS
5P	15 = 1-1/2" 50 = 50' 20 = 2" 100 = 100' 25 = 2-1/2" 30 = 3" 40 = 4"	Y = Yellow R = Red W = White, (Uncoated)	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4"	N = NH I = IPT S = Storz	Blank= Aluminum BR= Brass Rocker Lug BP=Brass Pin Lug	UL=UL, Labeled FM=FM Labeled CR=Neoprene Liner for 1-1/2", 2", 2-1/2" & 4" only BS=Shank Coupling for 1-1/2", 2" & 2-1/2" only

Part Number Example: **5P20X50W15NBR** = 5P Hose, 2" ID by 50' Length, White, 1-1/2" Brass Rocker Lug- NH/NST

### Construction:

Polyester Single Jacket  
EPDM Rubber Inner Liner

### Coating:

Optional DuraCote™

### Temperature Range:

-40° to 150°F (-40° to 65°C)

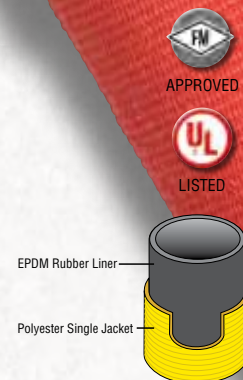
### Coupling:

Aluminum or Brass NH/NST or  
IPT Threaded

### Approvals:

1-1/2" and 2-1/2" sizes are UL  
Listed and FM approved

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)		BOWL SIZE	Certification Available
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS	KG	IN	
1-1/2"	250 (1725)	500 (3450)	750 (5170)	8	3.6	1-3/4	UL, FM
2"	250 (1725)	500 (3450)	750 (5170)	14	6.4	2-5/16	
2-1/2"	250 (1725)	500 (3450)	750 (5170)	18	8.2	2-13/16	UL, FM
3"	250 (1725)	500 (3450)	750 (5170)	24	10.9	3-3/8	
4"	250 (1725)	500 (3450)	750 (5170)	46	20.8	4-9/32	