

Hoses

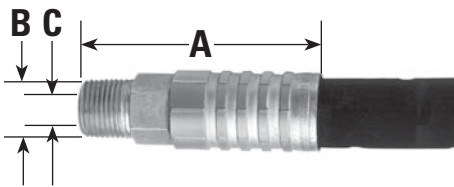


NLB stocks a complete line of high-pressure hoses for all popular working pressures, up to 40,000 psi (2,800 bar). All are designed for long life and dependable service. Most hoses are stocked in 25', 50' and 100' lengths (7.6m, 15.2m and 30.4m), and custom lengths are available. When ordering, please specify part number, length (the XX at the end), and end connection.

Features include:

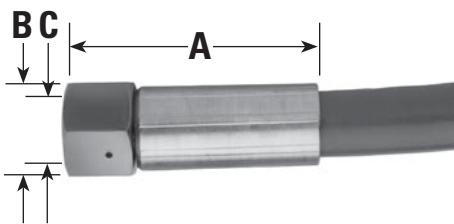
- Smooth inner core to minimize pressure drop
- High-tensile spiraled wire for strength and kink resistance
- Tough outer cover to prevent abrasion and wire exposure
- Short end connections allow movement around tight bend radii

WP Hose, 10,000 to 15,000 psi (700-1,035 bar)



Part Number	Working Pressures Up To	End Connection	Dim. "A" Coupling Length	Dim. "B" Coupling O.D.	Dim. "C" Hose I.D.
WP3-3/8-XX	10,000 psi (700 bar)	3/8" MNPT	2.525" (6.4 cm)	0.915" (2.3 cm)	.38" (.9 cm)
WP3-1/2-XX	10,000 psi (700 bar)	1/2" MNPT	3.385" (8.6 cm)	1.150" (2.9 cm)	.50" (1.3 cm)
WP3-3/4-XX	10,000 psi (700 bar)	3/4" MNPT	3.550" (9.0 cm)	1.400" (3.6 cm)	.75" (1.9 cm)
WP4-1-XX	10,000 psi (700 bar)	1" MNPT	4.500" (11.4 cm)	1.750" (4.5 cm)	1.0" (2.5 cm)
WP3-1/2-12K-XX	12,000 psi (840 bar)	1/2" MNPT	3.385" (8.6 cm)	1.150" (2.9 cm)	.50" (1.3 cm)
WP3-1/2-15K-XX	15,000 psi (1,035 bar)	1/2" MNPT	3.385" (8.6 cm)	1.150" (2.9 cm)	.50" (1.3 cm)

NP Hose, 20,000 to 24,000 psi (1,400-1,680 bar)

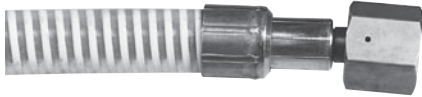


Part Number	Working Pressures Up To	End Connection	Dim. "A" Coupling Length	Dim. "B" Coupling O.D.	Dim. "C" Hose I.D.
NP20-5/16-XX	20,000 psi (1,400 bar)	9/16" M/P Nipple	4.000" (10.2 cm)	0.900" (2.3 cm)	.38" (.9 cm)
NP20-3/8-XX	20,000 psi (1,400 bar)	9/16" M/P Nipple	4.000" (10.2 cm)	0.900" (2.3 cm)	.38" (.9 cm)
NP20-1/2-XX	20,000 psi (1,400 bar)	1"-12 Swivel Nut	3.420" (8.7 cm)	1.440" (3.7 cm)	.50" (1.3 cm)
NP20-3/4-XX	20,000 psi (1,400 bar)	1-5/16"-12 Swivel Nut	3.500" (8.9 cm)	1.750" (4.5 cm)	.75" (1.9 cm)
NP20-1-XX	24,000 psi (1,680 bar)	1-3/8"-12 Swivel Nut	6.000" (15.25 cm)	1.95" (4.95 cm)	0.995" (2.53 cm)
NP24-1/2-XX	24,000 psi (1,680 bar)	1"-12 Swivel Nut	4.250" (10.8 cm)	1.250" (3.2 cm)	.50" (1.3 cm)

NOTE: Some pressure drop is inevitable, and it varies with hose diameter. Please refer to the chart on Page 104.

Ultra-High Pressure Hose, 40,000 psi (2,800 bar)

- Steel wire reinforcement
- Minimum bend radius of 6" (15.2 cm) for 3/16" hose; 8" (20.3 cm) for 5/16" hose



Model No.	Standard Lengths	Working Pressure	Thread Connection	I.D.	O.D.
NP40-3/16-15M	15' (4.6 m)	40,000 psi (2,800 bar)	3/8"-24 LH Male	.20" (5.1 mm)	.68" (17.3 mm)
NP40-3/16-15F	15' (4.6 m)	40,000 psi (2,800 bar)	9/16" Female Swivel	.20" (5.1 mm)	.85" (21.6 mm)
NP40-3/16-35F	35' (10.7 m)	40,000 psi (2,800 bar)	9/16" Female Swivel	.20" (5.1 mm)	.85" (21.6 mm)
NP40-3/16-50F	50' (15.2 m)	40,000 psi (2,800 bar)	9/16"-18 Female Swivel	.20" (5.1 mm)	.85" (21.6 mm)
NP40-5/16-8M	8' (2.4 m)	40,000 psi (2,800 bar)	9/16"-18 LH Male	.33" (8.4 mm)	.90" (22.9 mm)
NP40-5/16-8F Whip Hose	8' (2.4 m)	40,000 psi (2,800 bar)	1-1/8"-12 Female Swivel	.33" (8.4 mm)	1.60" (40.7 mm)
NP40-5/16-15M	15' (4.6 m)	40,000 psi (2,800 bar)	9/16"-18 LH Male	.33" (8.4 mm)	.90" (22.9 mm)
NP40-5/16-15F	15' (4.6 m)	40,000 psi (2,800 bar)	1-1/8"-12 Female Swivel	.33" (8.4 mm)	1.60" (40.7 mm)
NP40-5/16-50M	50' (15.2 m)	40,000 psi (2,800 bar)	9/16"-18 LH Male	.33" (8.4 mm)	.90" (22.9 mm)
NP40-5/16-50F	50' (15.2 m)	40,000 psi (2,800 bar)	1-1/8"-12 Female Swivel	.33" (8.4 mm)	1.60" (40.7 mm)

Whip Hoses

NLB Whip Hoses help protect hand lance operators from potentially dangerous hose failures. Each whip hose assembly consists of a short length of hose, usually 10 feet (3 m) or less, covered with a heavy, dense fabric or reinforced plastic tubing designed to diffuse the energy released by a hose failure.

NLB offers whip hoses for all popular pressures, from 10,000 to 40,000 psi (700 to 2,800 bar).

These include special Whip Hoses with a heavy-duty rubber shroud and a special 90-degree elbow. Attachment to your hand lance may require additional fittings. Please consult NLB about your specific application.

For details of NLB standard or special whip hoses, please see Page 18.

STANDARD WHIP HOSE



SPECIAL WHIP HOSE

