

Flexible, anti-static, lightweight and tough, Elcometer's range of 2 ply blast hose is available with a working pressure of either **174 or 217psi (12 or 15bar)** with a 3 times safety margin*.

1 Tough Outer Cover

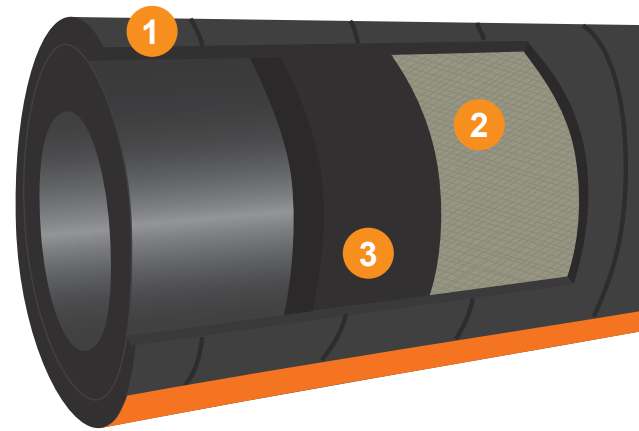
Manufactured using abrasion resistant and anti-static natural & styrene-butadiene rubber with a cloth impression, the tough weather resistant cover prolongs the life of the hose.

2 2 Ply Braid Reinforcement

Elcometer's blast hose features highly woven cord linings in a 2 ply cross pattern to improve hose strength and allow flexibility.

3 Anti-Static & Abrasion Resistant Inner Wall

Elcometer blast hose is abrasion resistant and manufactured out of natural & styrene-butadiene rubber compound with carbon black, in accordance with DIN53516 and has an anti-static rating (R) of less than 10.767sq ft (10⁶sq m) to protect the user from static build up.



! elcoTip



The internal diameter of the blast hose should ideally be 3 to 4 times the size of the nozzle orifice.

What is a Whip Hose?

Operators may find that using a standard blast hose is too heavy to work with all day and difficult to move. To combat this, a short length of smaller internal diameter, more flexible blast hose can be fitted in between the nozzle and the standard blast hose – this is called a 'whip hose'. Consult the table below to choose the size of your whip hose in relation to the size of your main blast hose - in most circumstances this is one size down from your hose diameter.

Whip Hose Selection Guide for blasting at 100psi (6.89bar) nozzle pressure using garnet abrasive

Nozzle Size	Extension Hose ID	Whip Hose ID
4 ¼" (6mm)	1" (25mm)	¾" (19mm)
5 ⅝" (8mm)	1¼" (32mm)	1" (25mm)
6 ⅜" (9.5mm)	1½" (38mm)	1¼" (32mm)
7 ⅞" (11mm)	1½" (38mm)	1¼" (32mm)
8 1½" (13mm)	2" (51mm)	1½" (38mm)

*Burst pressure safety margin = 3 x the working pressure

Elcometer Blast Hose Assemblies with Nozzle Holder & Quick Coupling



Elcometer Blast Hose Assemblies contain twinline remote control hose, DMHII deadman's handle, nozzle holder and quick coupling. Blast hose assemblies are available in either 174psi (12bar) or 217psi (15bar) working pressure.



1/2" (13mm) ID 174psi (12bar) Blast Hose Assembly

Technical Specification

Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
174psi (12bar)	1/2" (13mm)	1 1/8" (28mm)	4 9/64" (105mm)

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH13NFSN-5	16.4ft (5m)	Nylon	3/4" Fine	Cast Iron
BH13NFSN-10	32.8ft (10m)	Nylon	3/4" Fine	Cast Iron



3/4" (19mm) ID 174psi (12bar) Blast Hose Assembly

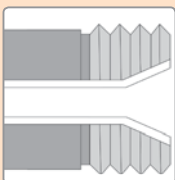
Technical Specification

Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
174psi (12bar)	3/4" (19mm)	1 3/8" (34mm)	6 7/64" (155mm)

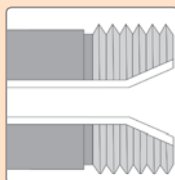
Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH19NNNN-5	16.4ft (5m)	Nylon	1 1/4" NPSM	Nylon
BH19NNNN-10	32.8ft (10m)	Nylon	1 1/4" NPSM	Nylon

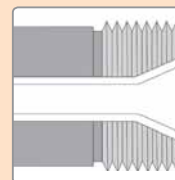
Understanding Thread Type



Contractor Thread
Industry standard thread at 4 1/2 threads per inch (TPI) (114mm), this style greatly reduces the chance of cross threading and is much easier to install.



NPSM Thread
The National Standard Free-Fitting Straight Mechanical Pipe Thread (NPSM) is the Industry standard straight thread used widely in North America.



Fine Thread
Fine thread is designed to work with smaller diameter hose and couplings.

1" (25mm) ID 174psi (12bar) Blast Hose Assembly

Technical Specification

Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
174psi (12bar)	1" (25mm)	1½" (38mm)	7 ⁷ / ₈ " (200mm)



Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH25NNNN-5	16.4ft (5m)	Nylon	1¼" NPSM	Nylon
BH25NNNN-10	32.8ft (10m)	Nylon	1¼" NPSM	Nylon
BH25ANSN-5	16.4ft (5m)	Aluminium	1¼" NPSM	Cast Iron
BH25ANSN-10	32.8ft (10m)	Aluminium	1¼" NPSM	Cast Iron
BH25NNSN-5	16.4ft (5m)	Nylon	1¼" NPSM	Cast Iron
BH25NNSN-10	32.8ft (10m)	Nylon	1¼" NPSM	Cast Iron
BH25ANNN-5	16.4ft (5m)	Aluminium	1¼" NPSM	Nylon
BH25ANNN-10	32.8ft (10m)	Aluminium	1¼" NPSM	Nylon

1¼" (32mm) ID 174psi (12bar) Blast Hose Assembly

Technical Specification

Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
174psi (12bar)	1¼" (32mm)	1 ⁷ / ₈ " (48mm)	10 ¹⁵ / ₆₄ " (260mm)



Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH32NNNN-5	16.4ft (5m)	Nylon	1¼" NPSM	Nylon
BH32NNNN-10	32.8ft (10m)	Nylon	1¼" NPSM	Nylon
BH32ANSN-5	16.4ft (5m)	Aluminium	1¼" NPSM	Cast Iron
BH32ANSN-10	32.8ft (10m)	Aluminium	1¼" NPSM	Cast Iron
BH32NNSN-5	16.4ft (5m)	Nylon	1¼" NPSM	Cast Iron
BH32NNSN-10	32.8ft (10m)	Nylon	1¼" NPSM	Cast Iron
BH32ANNN-5	16.4ft (5m)	Aluminium	1¼" NPSM	Nylon
BH32ANNN-10	32.8ft (10m)	Aluminium	1¼" NPSM	Nylon

1¼" (32mm) ID 217psi (15bar) High Pressure Blast Hose Assembly

Technical Specification

Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
217psi (15bar)	1¼" (32mm)	1 ⁷ / ₈ " (48mm)	10 ⁵ / ₆₄ " (256mm)



Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH32XNNSN-5	16.4ft (5m)	Nylon	1¼" NPSM	Cast Iron
BH32XNNSN-10	32.8ft (10m)	Nylon	1¼" NPSM	Cast Iron
BH32XANSN-5	16.4ft (5m)	Aluminium	1¼" NPSM	Cast Iron
BH32XANSN-10	32.8ft (10m)	Aluminium	1¼" NPSM	Cast Iron



1 1/2" (38mm) ID 174psi (12bar) Blast Hose Assembly

Technical Specification			
Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
174psi (12bar)	1 1/2" (38mm)	2 3/16" (56mm)	12 1/64" (305mm)

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH38NNNN-10	32.8ft (10m)	Nylon	1/4" NPSM	Nylon
BH38NNNN-20	65.6ft (20m)	Nylon	1/4" NPSM	Nylon
BH38ANSN-10	32.8ft (10m)	Aluminium	1/4" NPSM	Cast Iron
BH38ANSN-20	65.6ft (20m)	Aluminium	1/4" NPSM	Cast Iron
BH38NNSN-10	32.8ft (10m)	Nylon	1/4" NPSM	Cast Iron
BH38NNSN-20	65.6ft (20m)	Nylon	1/4" NPSM	Cast Iron
BH38ANNN-10	32.8ft (10m)	Aluminium	1/4" NPSM	Nylon
BH38ANNN-20	65.6ft (20m)	Aluminium	1/4" NPSM	Nylon



1 1/2" (38mm) ID 217psi (15bar) High Pressure Blast Hose Assembly

Technical Specification			
Max. Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min. Bend Radius
217psi (15bar)	1 1/2" (38mm)	2 3/16" (56mm)	11 31/32" (304mm)

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH38XANSN-10	32.8ft (10m)	Aluminium	1/4" NPSM	Cast Iron
BH38XANSN-20	65.6ft (20m)	Aluminium	1/4" NPSM	Cast Iron
BH38XNNSN-10	32.8ft (10m)	Nylon	1/4" NPSM	Cast Iron
BH38XNNSN-20	65.6ft (20m)	Nylon	1/4" NPSM	Cast Iron



Elcometer Blast Hose Cutter

The Elcometer Blast Hose Cutter cuts rubber hose up to 2 1/2" (63mm) OD cleanly and squarely.

Part Numbers	
Part Number	Description
MT29211	Blast Hose Cutter