

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

1 Tough Outer Cover

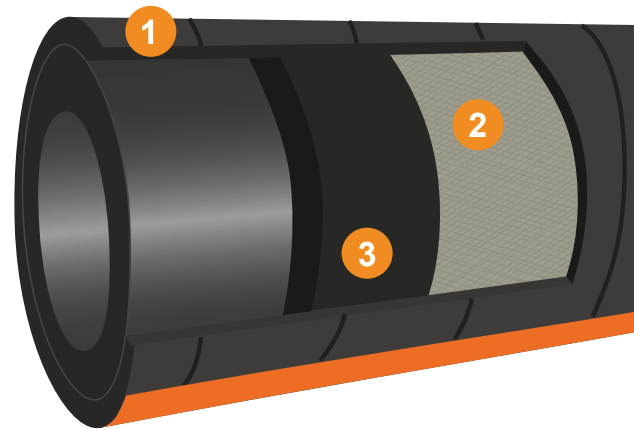
Manufactured using abrasion resistant and anti-static natural & styrene-butadiene rubber with a cloth impression, the tough weather resistant cover prolongs the life of the hose.

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 106sq/m (48.8sq/ft) to protect the user from static build up.



! elcoTip



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

What is 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 lighter weight, 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 you 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	CFM used at 100psi (6.89bar)	Extension Hose ID	Whip Hose ID
4 6mm (1/4")	103	25mm (1")	19mm (3/4")
5 8mm (5/16")	158	32mm (1 1/4")	25mm (1")
6 9.5mm (3/8")	229	38mm (1 1/2")	32mm (1 1/4")
7 11mm (7/16")	312	38mm (1 1/2")	32mm (1 1/4")
8 13mm (1/2")	407	51mm (2")	38mm (1 1/2")

*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, DMH II deadman's handle, nozzle holder and quick coupling - Blast hose assemblies are available in either 12bar (174psi) or 15bar (217psi) working pressure and 3 times safety ratio.

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

Technical Specification

Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
12bar (174psi)	13mm (1/2")	28mm (1 1/8")	105mm (4 9/16")



Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH13NCSB-5	5m (16.4ft)	Nylon	1" Contractor	Cast Iron
BH13NCSB-10	10m (32.8ft)	Nylon	1" Contractor	Cast Iron
BH13NFSB-5	5m (16.4ft)	Nylon	3/4" Fine	Cast Iron
BH13NFSB-10	10m (32.8ft)	Nylon	3/4" Fine	Cast Iron

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

Technical Specification

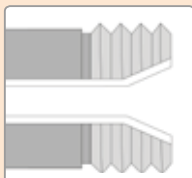
Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
12bar (174psi)	19mm (3/4")	34mm (1 3/8")	155mm (6 7/16")



Part Numbers

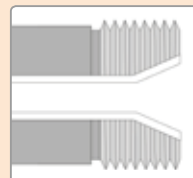
Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH19NCNB-5	5m (16.4ft)	Nylon	2" Contractor	Nylon
BH19NCNB-10	10m (32.8ft)	Nylon	2" Contractor	Nylon

Contractor Thread versus Fine Thread



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.



Fine Thread

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

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



Technical Specification

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

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH25NCNB-5	5m (16.4ft)	Nylon	2" Contractor	Nylon
BH25NCNB-10	10m (32.8ft)	Nylon	2" Contractor	Nylon
BH25ACSB-5	5m (16.4ft)	Aluminium	2" Contractor	Cast Iron
BH25ACSB-10	10m (32.8ft)	Aluminium	2" Contractor	Cast Iron
BH25NCSB-5	5m (16.4ft)	Nylon	2" Contractor	Cast Iron
BH25NCSB-10	10m (32.8ft)	Nylon	2" Contractor	Cast Iron
BH25ACNB-5	5m (16.4ft)	Aluminium	2" Contractor	Nylon
BH25ACNB-10	10m (32.8ft)	Aluminium	2" Contractor	Nylon

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



Technical Specification

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

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH32NCNB-5	5m (16.4ft)	Nylon	2" Contractor	Nylon
BH32NCNB-10	10m (32.8ft)	Nylon	2" Contractor	Nylon
BH32ACSB-5	5m (16.4ft)	Aluminium	2" Contractor	Cast Iron
BH32ACSB-10	10m (32.8ft)	Aluminium	2" Contractor	Cast Iron
BH32NCSB-5	5m (16.4ft)	Nylon	2" Contractor	Cast Iron
BH32NCSB-10	10m (32.8ft)	Nylon	2" Contractor	Cast Iron
BH32ACNB-5	5m (16.4ft)	Aluminium	2" Contractor	Nylon
BH32ACNB-10	10m (32.8ft)	Aluminium	2" Contractor	Nylon

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



Technical Specification

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

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH32XNCSB-5	5m (16.4ft)	Nylon	2" Contractor	Cast Iron
BH32XNCSB-10	10m (32.8ft)	Nylon	2" Contractor	Cast Iron
BH32XACSB-5	5m (16.4ft)	Aluminium	2" Contractor	Cast Iron
BH32XACSB-10	10m (32.8ft)	Aluminium	2" Contractor	Cast Iron



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

Technical Specification

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

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH38NCNB-10	10m (32.8ft)	Nylon	2" Contractor	Nylon
BH38NCNB-20	20m (65.6ft)	Nylon	2" Contractor	Nylon
BH38ACSB-10	10m (32.8ft)	Aluminium	2" Contractor	Cast Iron
BH38ACSB-20	20m (65.6ft)	Aluminium	2" Contractor	Cast Iron
BH38NCSB-10	10m (32.8ft)	Nylon	2" Contractor	Cast Iron
BH38NCSB-20	20m (65.6ft)	Nylon	2" Contractor	Cast Iron
BH38ACNB-10	10m (32.8ft)	Aluminium	2" Contractor	Nylon
BH38ACNB-20	20m (65.6ft)	Aluminium	2" Contractor	Nylon



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

Technical Specification

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

Part Numbers

Part Number	Hose Length	Nozzle Holder	Thread Type	Quick Coupling
BH38XACSB-10	10m (32.8ft)	Aluminium	2" Contractor	Cast Iron
BH38XACSB-20	20m (65.6ft)	Aluminium	2" Contractor	Cast Iron
BH38XNCSB-10	10m (32.8ft)	Nylon	2" Contractor	Cast Iron
BH38XNCSB-20	20m (65.6ft)	Nylon	2" Contractor	Cast Iron



Elcometer Blast Hose Cutter

To maximise the lifetime of the coupling and minimise pressure loss a good airtight hose/coupling fit is required.

The progressive ratchet cutting action of the Elcometer blast hose cutter cuts rubber hose up to 63mm (2 1/2") outside diameter cleanly and squarely.

Part Numbers

Part Number	Description
MT29211	Blast Hose Cutter