

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**

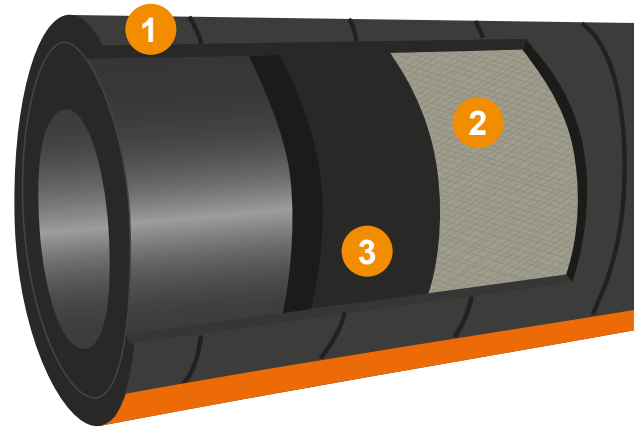
Manufactured using abrasion resistant and anti-static natural & styrene-butadiene rubber with a cloth impression, the tough weather resistant cover prolongs the life of the hose.

**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?**

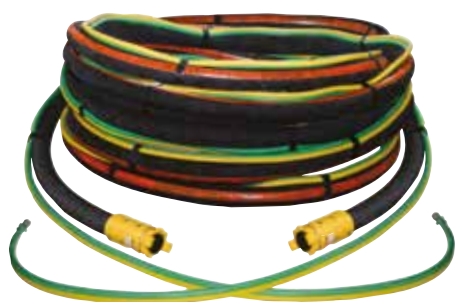
Operators may find that using a standard blast hose is too heavy to work with all day and difficult to move. To combat this, a short length of lighter weight, more flexible blast hose can be fitted in between the nozzle and the standard blast hose – this is called a 'whip hose'. Consult the table below 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 Extension**



Elcometer Blast Hose Extensions are ideal when your blast hose is unable to reach the desired location.

Our blast hose extensions are supplied with twinline remote control hose and 2 quick couplings, with locking pins and gasket.



**1/2" (13mm) ID Blast Hose Extension - 12bar (174psi)**

**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 9/64")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH13SB-10</b>	10m (32.8ft)	Cast Iron
<b>BH13SB-20</b>	20m (65.6ft)	Cast Iron



**3/4" (19mm) ID Blast Hose Extension - 12bar (174psi)**

**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 7/64")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH19NB-10</b>	10m (32.8ft)	Nylon
<b>BH19NB-20</b>	20m (65.6ft)	Nylon



**1" (25mm) ID Blast Hose Extension - 12bar (174psi)**

**Technical Specification**

Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
12bar (174psi)	25mm (1")	38mm (1 1/2")	200mm (7 7/8")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH25NB-10</b>	10m (32.8ft)	Nylon
<b>BH25NB-20</b>	20m (65.6ft)	Nylon
<b>BH25SB-10</b>	10m (32.8ft)	Cast Iron
<b>BH25SB-20</b>	20m (65.6ft)	Cast Iron

**1¼" (32mm) ID Blast Hose Extension - 12bar (174psi)**



**Technical Specification**

Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
12bar (174psi)	32mm (1¼")	48mm (1⅞")	260mm (10 15/64")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH32NB-10</b>	10m (32.8ft)	Nylon
<b>BH32NB-20</b>	20m (65.6ft)	Nylon
<b>BH32SB-10</b>	10m (32.8ft)	Cast Iron
<b>BH32SB-20</b>	20m (65.6ft)	Cast Iron

**1¼" (32mm) ID High Pressure Blast Hose Extension - 15bar (217psi)**



**Technical Specification**

Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
15bar (217psi)	32mm (1¼")	48mm (1⅞")	256mm (10 5/64")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH32XSB-10</b>	10m (32.8ft)	Cast Iron
<b>BH32XSB-20</b>	20m (65.6ft)	Cast Iron

**1½" (38mm) ID Blast Hose Extension - 12bar (174psi)**



**Technical Specification**

Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
12bar (174psi)	38mm (1½")	56mm (2⅜")	305mm (12 1/64")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH38NB-10</b>	10m (32.8ft)	Nylon
<b>BH38NB-20</b>	20m (65.6ft)	Nylon
<b>BH38SB-10</b>	10m (32.8ft)	Cast Iron
<b>BH38SB-20</b>	20m (65.6ft)	Cast Iron

**1½" (38mm) ID High Pressure Blast Hose Extension - 15bar (217psi)**



**Technical Specification**

Max Working Pressure	Internal Diameter (ID)	Outside Diameter (OD)	Min Bend Radius
15bar (217psi)	38mm (1½")	56mm (2 3/16")	304mm (11 31/32")

**Part Numbers**

Part Number	Hose Length	Quick Coupling
<b>BH38XSB-10</b>	10m (32.8ft)	Cast Iron
<b>BH38XSB-20</b>	20m (65.6ft)	Cast Iron