

Typical ID to OD Relationship in Common Blast Hose

Standard Hose (2 Braid & 4 Ply)		SUPA Hose (Lightweight 2 ply)	
ID	OD	ID	OD
1/2"	1-5/32"		
3/4"	1-1/2"	3/4"	1-5/16"
1"	1-7/8"	1"	1-1/2"
1-1/4"	2-5/32"	1-1/4"	1-7/8"
1-1/2"	2-3/8"		

Blast Hose Rating

Types of Blast Hose	Construction	Working Pressure Rating	Features and Applications
Two-braid	Two layers of cross-woven fabric	175 psi (12 bar, 1206 kPa)	Moderate flex with enough outer support to keep hose round. Common among contractors and at fixed sites and blast rooms.
Two-ply	Two layers of semi cross-woven fabric	175 psi (12 bar, 1206 kPa)	Smaller overall wall dimension for optimum flexibility with maximum internal diameter. Sometimes used as whip hose.
Four-ply	Four layers of straight-woven fabric	175 psi (12 bar, 1206 kPa)	Stiff, with greater exterior endurance, rebounds to a fully round shape. Used in shipyards, high traffic areas to withstand weight of motor vehicles.

Clemco (USA) Blast Machine Model Reference

Model Numbers	Dimensions		Capacity (Vol.)* Cu Ft	Capacity (Vol.)** Lbs
	Diameter	Height		
1028	10"	x 28"	.5	50
1042	10"	x 42"	1	100
1440	14"	x 40"	1.5	150
1642	16"	x 42"	2	200
1648	16"	x 48"	3	300
2016	16"	x 42"	2	200
2020	20"	x 42"	4	400
2024	24"	x 52"	6	600
2452	24"	x 52"	6	600
3054	30"	x 54"	7	700
3661	36"	x 61"	10	1000
3680	36"	x 80"	20	2000

* Actual volume may vary based on head and cone sizes.
** Based on abrasives with a density of 100 pounds per cubic foot.