

SANDBLASTING HOSE SIZE QUICK REFERENCE GUIDE

NOZZLE NUMBER	NOZZLE ORIFICE	MIN BLAST HOSE ID	MIN WHIP HOSE ID	MIN BULL HOSE ID (1 NOZZLE)	MIN BULL HOSE ID (2 NOZZLES)	MIN BULL HOSE ID (3 NOZZLES)	MIN BULL HOSE ID (4 NOZZLES)
#4	1/4" (6 MM)	1" (25 MM)	1" (25 MM)	1" (25 MM)	1.25" (32 MM)	1.5" (38 MM)	1.5" (38 MM)
#5	5/16" (8 MM)	1.25" (32 MM)	1" (25 MM)	1.25" (32 MM)	1.5" (38 MM)	2" (51 MM)	2" (51 MM)
#6	3/8" (10 MM)	1.25" (32 MM)	1" (25 MM)	1.25" (32 MM)	1.5" (38 MM)	2" (51 MM)	2" (51 MM)
#7	7/16" (11 MM)	1.5" (38 MM)	1" (25 MM)	1.5" (38 MM)	2" (51 MM)	2" (51 MM)	2.5" (64 MM)
#8	1/2" (13 MM)	1.5" (38 MM)	1.25" (32 MM)	1.5" (38 MM)	2" (51 MM)	2.5" (64 MM)	3" (76 MM)
#10	5/8" (16 MM)	2" (51 MM)	1.25" (32 MM)	2" (51 MM)	2.5" (64 MM)	3" (76 MM)	3" (76 MM)

KEY POINTS

- ✗ Sizes minimize pressure losses for 50 ft hoses at 100 psi nozzle pressure
- ✗ For higher pressures or longer hoses, choose the next larger size
- ✗ Match whip hose size to nozzle inlet size when possible
- ✗ Whip hose length: Approximately 10 feet is usually sufficient

BEST PRACTICES

- ✗ When in doubt, choose the larger hose size
- ✗ Consider total system length when selecting hoses
- ✗ Balance performance with ergonomics for handheld operations
- ✗ Regularly inspect hoses for wear, especially at ends and bends

SAFETY CONSIDERATIONS

- ✗ Use ISO certified hoses rated above your maximum operating pressure
- ✗ Choose abrasion-resistant hoses designed for sandblasting
- ✗ Be aware that undersized hoses wear more quickly
- ✗ Inspect hoses frequently and replace at first signs of wear

Remember: Proper hose sizing is crucial for efficiency, quality, and safety in sandblasting operations.