

REFERENCE TABLE FOR AIR HOSES

INTERIOR DIAMETER REQUIRED BY AIR TOOL TYPES

To choose the proper hose internal diameter, it is important to know the consumption of the tool used (flow SCFM).

Use of a smaller than recommended hose size will result in a serious reduction of tool performance.



TOOLS TYPE	FLOW SCFM	FLEXIBLE HOSE LENGTH (ft)					
		25'	35'	50'	75'	100'	150'
NAILERS/STAPLERS							
Nailer/Stapler (18 Gauge)	2.5	1/4	1/4	1/4	1/4	1/4	1/4
Stapler (22-18 Gauge)	3.5	1/4	1/4	1/4	1/4	1/4	1/4
Finishing nailer	3.5	1/4	1/4	1/4	1/4	1/4	1/4
Roofing nailer	6.0	3/8	3/8	3/8	3/8	3/8	1/2
Framing nailer	11.0	3/8	3/8	3/8	3/8	3/8	1/2
Industrial Nailer	25.0	3/8	1/2	1/2	1/2	1/2	1/2
IMPACT TOOLS							
Miniature 1/4" ratchet	12.5	3/8	3/8	3/8	1/2	1/2	1/2
1/4" impact gun	14.0	3/8	3/8	3/8	1/2	1/2	1/2
3/8" ratchet	19.2	3/8	1/2	1/2	1/2	1/2	3/4
Zip gun	21.9	1/2	1/2	1/2	1/2	3/4	3/4
1/2" impact gun	28.6	1/2	1/2	1/2	3/4	3/4	3/4
3/4" impact gun	34.7	1/2	1/2	3/4	3/4	3/4	3/4
1" impact gun	87.5	3/4	3/4	3/4	1	1	1
POLISHING TOOLS							
Orbital polisher	16.6	3/8	3/8	1/2	1/2	1/2	1/2
Oscillating sander	23.0	1/2	1/2	1/2	1/2	3/4	3/4
SANDERS							
Sander	9.6	5/16	5/16	3/8	3/8	3/8	1/2
4-1/2" angle grinder	18.4	3/8	1/2	1/2	1/2	1/2	3/4
10 mm belt sander	18.9	3/8	1/2	1/2	1/2	1/2	3/4
7" angle sander	29.6	1/2	1/2	1/2	3/4	3/4	3/4
DRILLS							
3/8" air drill	17.3	3/8	1/2	1/2	1/2	1/2	1/2
3/8" reversible air drill	23.8	1/2	1/2	1/2	1/2	3/4	3/4
1/2" reversible air drill	26.4	1/2	1/2	1/2	3/4	3/4	3/4
OTHER TOOLS							
Riveter	4.0	1/4	1/4	1/4	1/4	5/16	5/16
Grease gun	8.0	5/16	5/16	5/16	3/8	3/8	3/8
Caulking gun	0.1	1/4	1/4	1/4	1/4	1/4	1/4
HVLP paint gun	9.5	5/16	5/16	3/8	3/8	3/8	1/2
Screw driver	9.6	5/16	5/16	3/8	3/8	3/8	1/2
Gravity fed sand blaster	12.0	3/8	3/8	3/8	1/2	1/2	1/2