

Wind Handler WS

Specifications
August 2021

Construction: Single-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix & external wearstrip

Product Features:

- * Ideal for moving large volumes of air in portable or permanent ventilation/exhaust systems
- * Wearstrip offers additional external and drag resistance
- * Great compressibility
- * Retractability allows for convenient storage and easy transport in a fraction of its fully extended length
- * Listed as UL 94 V-0 flame retardant

Application: Air.

Temperature Range: - 65 F to + 250 F

Sizes I.D. (inches): 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 20, 24, 28, 30, 36, 40, 42, 48, & 52 Inch I.D.
Custom sizes up to 52" ID available

ID Tolerances: To 8 Inch: -0.00 to + 0.125 Inch
8 Inch and over: - 0.00 to + 0.250 Inch

Standard Length: 25 Feet

Standard Colors: Yellow with black wearstrip
Custom colors: Olive Drab, Desert Tan, Blue, White

End Finish: Plain Cut (cuffs and belted end finishes available)

Markets: A/C Ventilation, Aircraft, Blower Hose, Chiller, Confined Space Ventilation, Dehumidification, Fans and Blowers, Flame Retardant, Function Tent HVAC, Humidity Control, Laser Engraving, Mining, Pet Training Hose, Smoke Ejectors, Utility Blowers, Ventilation, Wave Pool Blowers

Rubber-Cal, Inc.
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Ducting
.com

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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended	
				Negative Pressure (IN./HG)	Positive Pressure (PSI)
4	0.25	3	5 to 1		5.4
6	0.3	3.5	12 to 1		3
8	0.4	5	12 to 1		3
10	0.6	6.5	12 to 1		2.5
12	0.7	7.5	12 to 1		2
14	0.8	8.5	12 to 1		1.7
16	0.9	9.5	12 to 1		1.5
18	1	10.5	12 to 1		1.3
20	1.1	12	12 to 1		1.1
24	1.6	13	12 to 1		1

Note: Technical data based on 2 ft. straight lengths of hose 72 F.

Disclaimer: The proper use and maintenance of the hose and/or duct is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all of our products and we welcome comments and suggestions from our customers.

California Prop 65: ⚠️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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