

Thermoplastic Flex Medium Duty WS

Specifications
October 2022

Construction: Medium weight black thermoplastic rubber hose with a yellow external wearstrip reinforced with a spring steel wire helix

Product Features:

- Great general all-purpose hose
- Yellow wearstrip offers additional external abrasion & drag resistance
- Designed for applications with wide temperature ranges
- Great moisture and UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss and efficient air flow

Applications: Abrasives, Dust, Materials.

Temperature Range: -40°F to 275°F.

Size I.D. (Inches): 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22 & 24 inch I.D.
2", 2.5", 3", 4", 5", 6", 7", 8", 10" and 12" are generally stocked

Size I.D. (Metric): 60, 80, 100, 120, 140, 150, 175, 200, 250, & 300mm (all Metric sizes have a 200 ft minimum)

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

Wall thickness: 0.030 inch (2.5" ID and above)

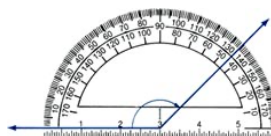
Standard Length: 12.5, 25 & 50 Feet. (Metric lengths 200ft minimum)

Standard Color: Black with yellow wearstrip

End Finish: Plain Cut

Markets: Abrasion Resistance, Agricultural, Air Duct Cleaning, Auto Teller, Car Wash, Chemical Fumes, Chemical Plants, Cotton Pickers, Dry Cleaning, Duct Cleaning, Dust Collection, Furnace Duct Cleaning, Fume Exhaust, Industrial, Landfill Venting, Lawn & Leaf Collection, Off-Road, Oil Mist, Ozone, Paint Spray Extraction, Paper Trim Conduit, Pipe Organs, Plastic Bag Machines, Pollution Control, R.V. Manufacturing, Sheet Metal, Woodworking/Furniture Industries.

Rubber-Cal, Inc.
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Ducting
.com

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August 2021

| Size Inside Diameter (Inches) | Approximate Weight Lbs./ft. | Min Centerline Bend Radius (Inches) | Compression Ratio | Max Recommended Negative Pressure (IN./HG) | Max Recommended Positive Pressure (PSI) |
|-------------------------------|-----------------------------|-------------------------------------|-------------------|--|---|
| 2 | 0.25 | 2.42 | 2 to 1 | 29 | 14 |
| 2.5 | .33 | 2.75 | 2 to 1 | 29 | 11 |
| 3 | 0.4 | 3 | 2 to 1 | 29 | 9.5 |
| 3.5 | .47 | 4 | 2 to 1 | 29 | 9 |
| 4 | 0.67 | 5.5 | 2 to 1 | 29 | 9 |
| 5 | 0.85 | 5.5 | 2 to 1 | 17 | 8 |
| 6 | 0.82 | 5.5 | 3 to 1 | 8.3 | 5 |
| 8 | 1.2 | 8.25 | 3 to 1 | | 4 |
| 10 | 2.2 | 10 | 3 to 1 | | 4 |
| 12 | 2.7 | 12 | 3 to 1 | | 3.5 |
| 14 | 3 | 9.5 | 3 to 1 | 3 | 3.4 |
| 16 | 3.5 | 11 | 3 to 1 | 2.3 | 2.6 |
| 18 | 3.9 | 12 | 3 to 1 | 1.6 | 2.3 |
| 20 | 4.3 | 13.5 | 3 to 1 | 1.2 | 2.1 |
| 22 | 4.4 | 15 | 3 to 1 | 0.9 | 1.9 |
| 24 | 4.8 | 16 | 3 to 1 | 0.7 | 1.75 |

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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