



ENGINEERING & TECHNICAL DATA – Heat-Flex[®] BDS

| INSIDE DIAMETER (IN) | APPROX. WEIGHT (LBS/FT) | WALL THICKNESS (IN) | CL BEND RADIUS (IN) | COMPRESSION RATIO | NEGATIVE PRESSURE (IN/HG) | WORKING PRESSURE (PSI) |
|----------------------|-------------------------|---------------------|---------------------|-------------------|---------------------------|------------------------|
| 1 | .12 | N/A | 1.2 | 3:1 | 29 | 30 |
| 1.5 | .15 | N/A | 1.5 | 3:1 | 29 | 30 |
| 2 | .2 | N/A | 2.5 | 3:1 | 29 | 30 |
| 2.5 | .24 | N/A | 2.7 | 3:1 | 29 | 30 |
| 3 | .3 | N/A | 3 | 3:1 | 22 | 30 |
| 4 | .39 | N/A | 3.4 | 4:1 | 19 | 27 |
| 4.5 | .44 | N/A | 3.7 | 4:1 | 13 | 25 |
| 5 | .49 | N/A | 4.1 | 4:1 | 7 | 21 |
| 6 | .52 | N/A | 4.5 | 5:1 | 4 | 11 |
| 8 | .95 | N/A | 7 | 5:1 | 3.5 | 10 |
| 10 | 1.32 | N/A | 8.5 | 5:1 | 1 | 9 |

Technical data based on 2 ft. straight lengths of hose @ 72°

Construction: Single-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix & external filament fiberglass cord

Temperature Range: -65°F to 500°F

Standard Color: Iron Oxide Red

Standard Lengths: 12 Feet

Disclaimer: The proper use and maintenance of hose and/or ducting manufactured by Flexaust 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.

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