

Master-Lock Aluminum Duct

Construction

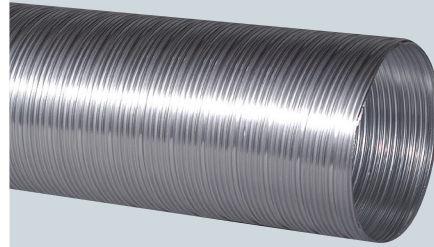
- Corrugated dead soft aluminum with mechanical interlocking seams
- Adhesive-free

Applications

- Air-conditioning & ventilation systems
- Air supply & extraction
- Applications that require low pressure loss

Properties

- Mechanical joint makes an air-tight seam
- Circumferential corrugations provide excellent strength & flexibility
- Minimum bend radius to center line: one diameter (recommended bend radius: 1 - 1/2 diameters in accordance with accepted practice)
- Easily cut to size & hand formed into elbows or offsets
- No drooping or sagging
- Lower pressure loss than conventional cloth ducts



Technical Data

| | |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Standard Lengths (ft) | 8 ft standard, Special lengths per request |
| Inside Diameter (in) | 3", 4", 5", 6", 8", 10", 12", 14", 16", 18" |
| Inside Bend Radius (in) | Min. one dia. |
| Air Friction Loss | See Friction Loss Chart for details |
| Test Standard | UL181 |
| Tested By | Intertek/ETL |
| Certifications Met | Class 0 Air Duct, NFPA 90A and 90B, BOCA, SBBC, HUD/FHA, MIN Property Std. |
| Internal Working Pressure (w.g.) | 10" w.g. positive thru 16" 6" w.g. positive, 18" 12" w.g. negative thru 16" dia. 4" w.g. negative, 18" |
| Rated Velocity | 5500 F.P.M. |
| Min Burst Pressure | 2 1/2 times working pressure |
| Operating Temperature Range | -60° to +600°F |
| Flame/Smoke | Less than 0 |

Like the UL Mark, the ETL Listed Mark shows that our product has been independently tested by a Nationally Recognized Testing Laboratory (NRTL). It shows that it has met the requirements of widely accepted product safety standards and that we have agreed to periodic follow-up inspections to verify continued compliance.