

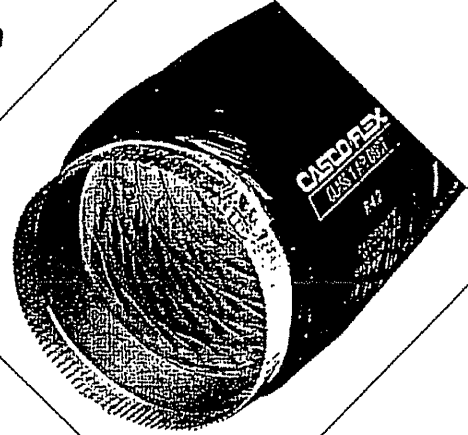
CASCO

SILENT • FLEX II

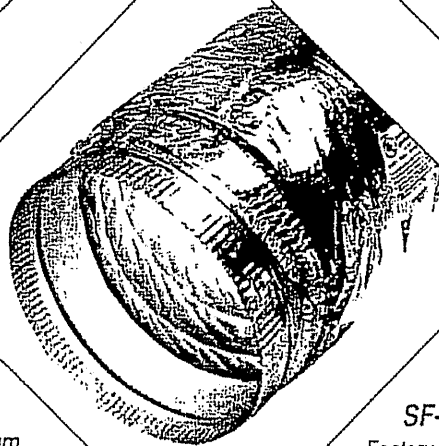
The Second Generation
Acoustical Flex Duct



**SF-181-CC/CC
& DAMPER**
Silent Flex is available with
factory installed Dampers &
CC Clamps



SF-181
Factory installed
Male & Female Connectors



SF-181M
Factory installed
Male & Female Connectors

Construction Features

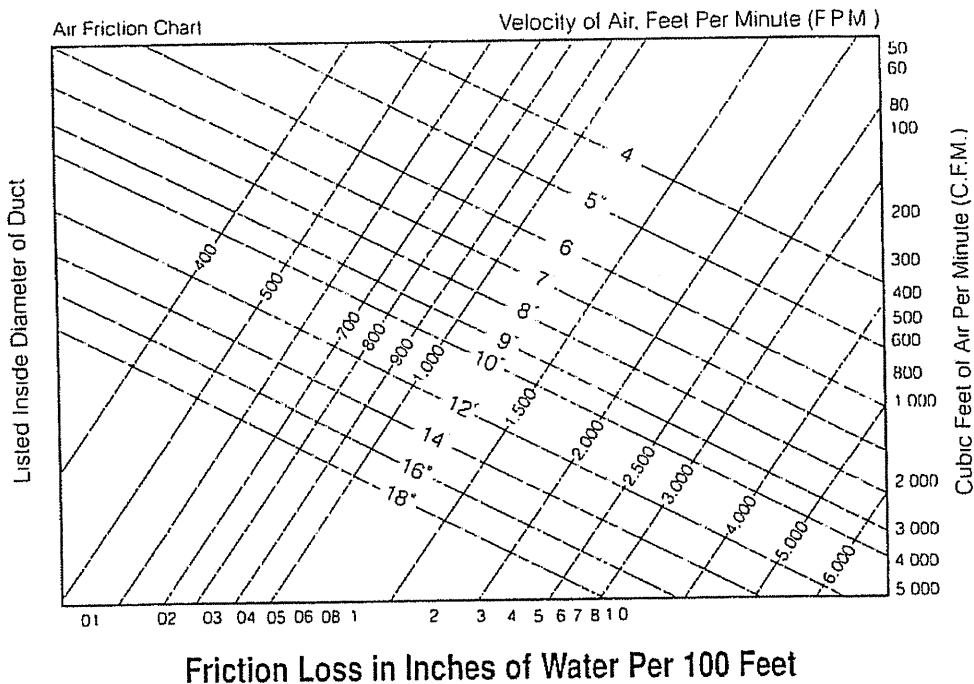
- **LINER** - Spunbonded nonwoven nylon which has a porous surface for maximum sound absorption
- **HELIX** - High carbon, spring steel wire with a non-corrosive zinc coating.
- **FULLY INSULATED** - R-4.2 standard R-6 and R-8 available on special order (Consult office)
- **JACKETING** - Standard product is a black polyethylene sleeve that is a U.L. rated, Class 1 jacket Metalized (silver) jacket is available on request.
- **END TREATMENT** - Standard adjustable male/female collars with taped down ends. Factory installed dampers are available for volume adjustments at the most convenient location. Stainless steel connecting flange (CC) clamps can be installed on the collar, making connections to fittings easier. (Note: 25' raw both ends are also available)

This versatile product is designed for low velocity commercial, industrial, and residential applications where sound attenuation is important

Fully Tested and Approved—Meets all requirements of the U.L. 181 test standard as a Class 1 air duct in accordance with NFPA 90A, and 90B and Uniform Mechanical Code that is L.A. City approved (Research Report #RR7649). Complete acoustical test report available upon request

ALL CASCO PRODUCTS ARE UNION MADE

C.A. SCHROEDER, INC. • 1318 First Street • San Fernando, CA 91340-2804
(323) 875-2026 • (818) 365-9561 • FAX (818) 365-4923



Friction Loss Chart

Friction loss data is shown above in inches of water gauge per 100 feet of straight duct. Values may be arrived at if either CFM or FPM for a given duct diameter is known. The chart may also be used in converting CFM to FPM.

SILENT • FLEX II
TECHNICAL INFORMATION

MAXIMUM AIR VELOCITY

Silent Flex has been tested at 10,000 FPM and is rated for continuous operation at 4,000 FPM.

WORKING AIR PRESSURE

Positive pressure of 1 1/2" water gauge and 1/2" negative pressure on all diameters.

TEMPERATURE RANGE

Designed for continuous operation at temperatures from 20° F to 200° F.

FIRE SAFETY

Class 1 with less than 25/50 fire hazard classification.

WARRANTY

CASCO warrants that all flexible duct be free from defects in material and workmanship for a period of one year from date of purchase. This warranty only applies if the duct is installed in accordance with CASCO's installation instructions and under conditions specified in CASCO's product performance data sheet. The buyer's exclusive remedies for any defect in the flexible ducts shall be replacement or refund of the purchase price, at CASCO's option

CASCO makes no other warranties, express, implied, statutory or otherwise. In particular, CASCO makes no warranty of merchantability or fitness for a particular purpose. CASCO shall have no liability to the buyer or any third party for incidental or consequential damages of any kind whatsoever, including, but not limited to, personal injury, property damages, lost profits or other economic injury due to any defect in the flexible ducts.

SIZES

Available as standard, 6' lengths, in diameters of 4" through 10" (1" increments) 12" through 20" (2" increments). 25' raw both ends are also available.

FULLY APPROVED

Meets all requirements of the U.L. 181 test standard, and is listed as a Class 1 air duct in accordance with NFPA 90A, 90B and Uniform Mechanical Code that is L.A. City approved (Research Report #RR7649). Complete acoustical test report available upon request.