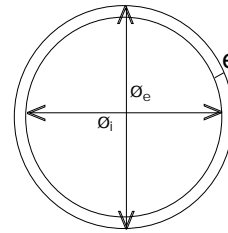


CROSS SECTION



TECHNICAL SPECIFICATIONS			
LENGTH	strained duct	8 ft or 16 ft	
WALL THICKNESS		0.06 in	NEW 04.02
TEMPERATURE	Minimum	-40°F	NEW 06.10
	Maximum	248°F	NEW 05.05
CURVE RADIUS		0.75	NEW 04.04
INFLAMMABILITY		SELF-EXTINGUISHABLE B1	NEW 06.05
CORROSION RESISTANCE		YES	NEW 06.01
FLEXION CYCLES		50	NEW 04.10
SUPPORT PLACES		3.3 ft	NEW 04.03
RESISTANCE	To Traction	154.32 Lbf	NEW 04.08
	To Compression	30.86 Lbf	NEW 04.07
PRESSURE RESISTANCE	Negative	-3.15 in H ₂ O	NEW 07.01
	Positive	19.69 in H ₂ O	NEW 07.01
MAXIMUM SPEED		131.23 ft/s	NEW 07.02
RECYCLABLE		NO	NEW 06.02
SEALING		GLUED	NEW 04.01
RAW MATERIAL		Aluminum / Polyester / Treated Steel Wire	

AVAILABLE DIAMETERS	
INTERNAL DIAMETER (in)	TOLERANCE (in)
4	+1/4 -0
5	+1/4 -0
6	+1/4 -0
8	+1/4 -0
10	+1/4 -0
12	+1/4 -0

Essays were carried out on ducts with an internal diameter of 4 in

NEW	WdB ESSAY STANDARD
NEW 01.00	GENERAL TECHNICAL SPECIFICATIONS FOR FLEXIBLE DUCTS
NEW 04.01	SEALING OF FLEXIBLE DUCTS: CONSTRUCTION MODE
NEW 04.02	FLEXIBLE DUCT DIAMETER AND WALL THICKNESS MEASUREMENT
NEW 04.03	SUPPORT PLACES OF FLEXIBLE DUCTS UNDER NORMAL CONDITIONS
NEW 04.04	CURVE RADIUS OF FLEXIBLE DUCTS
NEW 04.07	RESISTANCE OF FLEXIBLE DUCTS TO DIAMETRICAL COMPRESSION
NEW 04.08	RESISTANCE OF FLEXIBLE DUCTS TO LONGITUDINAL TRACTION
NEW 04.10	RESISTANCE OF FLEXIBLE DUCTS TO FATIGUE DURING BEND CYCLES
NEW 05.05	CONDITIONING IN CIRCULATING AIR STOVE
NEW 06.01	FLEXIBLE DUCTS PHYSICOCHEMICAL PROPERTIES
NEW 06.02	RECYCLABILITY OF FLEXIBLE DUCTS
NEW 06.05	INFLAMMABILITY ESSAY
NEW 06.10	EXPOSITION TO LOW TEMPERATURES
NEW 07.01	RESISTANCE OF FLEXIBLE DUCTS TO POSITIVE AND NEGATIVE PRESSURES
NEW 07.02	AIR FLOW MAXIMUM ADMISSIBLE SPEED INSIDE FLEXIBLE DUCTS