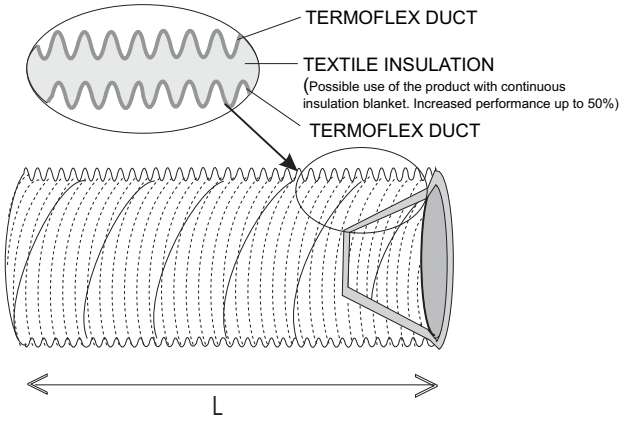
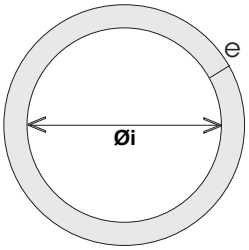
TERMOSAND



CROSS SECTION



TECHNICAL SPECIFICATIONS

LENGTH	Normal = L	32.8 ft (roll) - maximum	
WALL THICKNESS		0.256 (±0.03 inch)	NEW 04.02
MINIMUM	**TEMPERATURE**	-40ºF	NEW 06.10
MAXIMUM		752ºF (Working temperature) 842ºF (Peak temperature)	NEW 05.05
BENDING RADIUS (x diameter internal)		1.5	NEW 04.04
INFLAMMABILITY		NOT FLAMMABLE	NEW 06.05
BENDING CYCLES		800	NEW 04.10
TENSILE	**STRENGTH**	169 Lbf (- 5%)	NEW 04.08
COMPRESSION		57 Lbf (- 5%)*	NEW 04.07
CORROSION RESISTANCE		YES	NEW 06.01
THERMAL INSULATION		26.2 %	NEW 05.01
SEALING		FUSING	NEW 04.01
RAW MATERIAL		TERMOFLEX DUCT / TEXTILE INSULATION	

Assays were performed in tubes of internal diameter 1.18 in.
Thermal isolation: source temperature 572º F distance 1.97 in.
Temperatura test with fixed tube in the extremities.
***Compression strength at 50% of the internal diameter of the duct.**

NEW	WdB TEST 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 04.04	BENDING RADIUS OF FLEXIBLE DUCTS
NEW 04.07	RESISTANCE OF FLEXIBLE DUCTS TO DIAMETRICAL COMPRESSION
NEW 04.08	RESISTANCE OF FLEXIBLE DUCTS TO LONGITUDINAL TENSILE
NEW 04.10	FATIGUE RESISTANCE OF FLEXIBLE DUCTS IN FLEXURAL CYCLES
NEW 05.01	THERMAL ISOLATION
NEW 05.05	CONDITIONING IN AIRFLOW OVEN
NEW 06.01	FLEXIBLE DUCTS PHYSICOCHEMICAL PROPERTIES
NEW 06.05	INFLAMMABILITY TEST
NEW 06.10	EXPOSURE TO LOW TEMPERATURES

TABLE OF DIAMETERS

INNER DIAMETER = Øi	
0.401 in	0.405 in
0.41 in	0.49 in
0.53 in	0.55 in
0.59 in	0.68 in
0.72 in	0.78 in
0.84 in	0.88 in
0.89 in	0.90 in
0.96 in	1.02 in
1.10 in	1.18 in
1.27 in	1.29 in
1.39 in	1.47 in
1.51 in	1.57 in
1.69 in	1.79 in
1.85 in	1.92 in
1.96 in	2.01 in
2.04 in	2.12 in
2.22 in	2.24 in
2.36 in	2.40 in
2.5 in	2.55 in
2.57 in	2.63 in
2.75 in	2.99 in
3.14 in	3.54 in
3.93 in	4.33 in
5.11 in	5.90 in

* more diameters on request