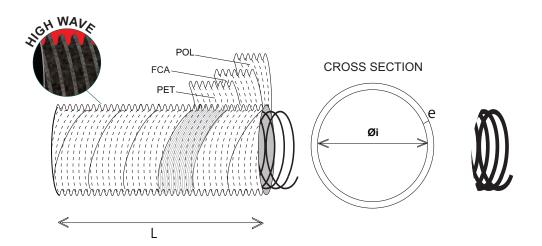


SONOFLEX 1000HP



TECHNICAL SPECIFICATIONS			
WALL THICKNESS		5 mm (±0,25 mm)	NEW 04.02
MINIMUM		-40°C	NEW 06.10
MAXIMUM	TEMPERATURE	105°C (Working temperature) 115°C (Peak temperature)	NEW 05.05
BENDING RADIUS (x diameter internal)		1.5	NEW 04.04
INFLAMMABILITY		SELF EXTINGUISHING	NEW 06.05
FLEXURAL STRENGTH		2.000.000	NEW 04.10
TENSILE	STRENGTH	≥100 Kgf (-5%)	NEW 04.08
COMPRESSION		≥45 Kgf (-5%) (Elastic deformation 10% Øint)	NEW 04.07
IMMERSION		4 min	NEW 06.06
PRESSURE DROP		0.16 kPa	NEW 04.01
SEALING		FUSING	
RAW MATERIAL		POL / FCA / PET	

* The negative pressure resistance can be adjusted as the necessity of the project.

Tests were performed in tubes of internal diameter 50 mm.

NEW	WdB TEST STANDARD
NEW 01.00	GENERAL SPECIFICATION FOR FLEXIBLE DUCTS
NEW 04.01	SEALING DUCT PROCEDURE
NEW 04.02	WALL THICKNESS VERIFICATION
NEW 04.04	CURVATURE RADIUS
NEW 04.07	COMPRESSION STRENGTH
NEW 04.08	TENSILE STRENGTH
NEW 04.10	FLEXURAL STRENGTH
NEW 05.05	CONDITIONING IN AIR FLOW OVEN
NEW 06.05	INFLAMMABILITY
NEW 06.06	WATER IMMERSION RESISTANCE
NEW 06.10	HEAT RESISTANCE

TABLE OF DIAMETERS
INNER DIAMETER = Øi
24,5 mm
39 mm
40 mm
41 mm
43 mm
45,5 mm
46 mm
47,5 mm
50 mm
51,5 mm
55 mm
58 mm
60 mm
63,5 mm
65 mm
70 mm
73 mm
76 mm
80 mm
90 mm
100 mm
105 mm
110 mm
120 mm
150 mm