



## TECHNICAL SPECIFICATIONS

LENGTH	Normal = L	10 m (roll) - maximum	
WALL THICKNESS		2 mm ( $\pm 0,25$ mm)	NEW 04.02
MINIMUM	TEMPERATURE	-40°C	NEW 06.10
MAXIMUM		190°C (Working temperature) 200°C (Peak temperature)	NEW 05.05
BENDING RADIUS (x diameter internal)		1.5	NEW 04.04
INFLAMMABILITY		SELF EXTINGUISHING	NEW 06.05
BENDING CYCLES		2.000.000	NEW 04.10
TENSILE	STRENGTH	100 Kgf (- 5%)	NEW 04.08
COMPRESSION		14 Kgf (- 5%) (elastic deformation 10% Øint)	NEW 04.07
IMMERSION		WATERPROOF	NEW 06.06
SEALING		FUSING	NEW 04.01
RAW MATERIAL		PET / POLYESTER / PET	

Assays were performed in tubes of internal diameter 50 mm.

## TABLE OF DIAMETERS

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

\* more diameters on request

## 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 05.05	CONDITIONING IN AIRFLOW OVEN
NEW 06.05	INFLAMMABILITY TEST
NEW 06.06	IMMERSION
NEW 06.10	EXPOSURE TO LOW TEMPERATURES