



## TECHNICAL SPECIFICATIONS

LENGTH	Normal = L	10 m (roll) - maximum	
WALL THICKNESS		5 mm (±0,25 mm)	NEW 04.02
MINIMUM	TEMPERATURE	-40°C	NEW 06.10
MAXIMUM		200°C (Working temperature) 220°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	NEW 04.08
COMPRESSION		≥45 Kgf ( Elastic deformation 10% Øint )	NEW 04.07
IMMERSION		WATERPROOF	NEW 06.06
SEALING		FUSING	NEW 04.01
RAW MATERIAL		POL / FCA/ PET	
NEGATIVE PRESSURE*		-70 Kpa	

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

Tests were performed in tubes of internal diameter 50 mm.

## 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

## 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