Ventus

Polyethylene

Hygienic

A. **Raw Materials**

1. Steel Wire

DIN	EURO	TS
DIN 17223/B	EN 10270-1-SM	TS2500-1-SM

2. AL-PET (Hygienic Aluminium for inner surface& ALPET for the outer surface)

Chemical composition of the alloys used for production of foil corresponds to DIN EN 573-3
Tensile Test according to DIN EN 546-2.

According to ISO 22196 European norm gets the Hygienic Certification that shows, the anti-bacterial proof more than %99.

3. Polyethylene Blanket (Insulation Material)

Determination of water vapour resistance index acc. to DIN 52615 and the Thermal Conductivity Coefficient acc.to DIN 52613;

Density of Polyethylene (kg/m^3)	Water Vapour Resistance Index (μ)	Thermal Conductivity Coefficient λ of Polythene (W/mK)
35	μ > 5000 (DIN 52615)	0,040 W/mK (40 C^0) (DIN 52613)

B. **Product Data**

FLEXIVA VENTUS POLYETHYLENE HYGIENIC		STANDARD
DIAMETER CHANGE	Ø 102 mm – Ø 610 mm	EN 13180
OPERATING TEMPERATURE	-30 °C / 150 °C	
MAXIMUM AIR VELOCITY	30 m/s	
MAXIMUM POSITIVE PRESSURE	5000 Pa	EN 13180
MAXIMUM NEGATIVE PRESSURE	600 Pa	EN 13180
PACKAGING	7,5 m/box	IŞIL
END TREATMENT	7,5 m -PLAIN ENDS	

Intended for medium and low pressure environment. It has the features of being able to be streched, twisted and compressed. Air tight (Class C according to EN 13180) and acc. to **EN 13501-1**, its class is **D**.

Production according to **ISO EN 9001:2015** and **EN 13180** standards.

Patented**, Patent no: TR 2010 09124 B**

261- 508 registered product by Ministry of environment and urban planning in Turkey.

C. **Performance Data**

1. Fire Performance

The whole product is tested according to EN 13501-1 European norm and Ventus Polythene's European Fire Class is determined as D-s3-d0.

D. **Installation**

Air duct connections and joints shall be made per installation instructions outlined by IŞIL Mühendislik. Please contact with your sales represantive for the installation instructions.