

Flexiva

Sky



A. Raw Materials

1. Steel Wire

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

2. ALPET (Aluminium+Polyester for inner and 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.

7-12 micron thickness ALU+PET is used.

B. Product Data

FLEXIVA SKY		STANDARD
DIAMETER CHANGE	Ø100 mm - Ø610 mm	EN 13180
OPERATING TEMPERATURE	-30 °C / 150 °C	(NF P 92-501)
MAX. AIR VELOCITY	30 m/ sn	
MAX. POSSITIVE PRESSURE	5000 Pa	EN 13180
MAX. NEGATIVE PRESSURE	700 Pa	EN 13180
PACKAGING	10 m/box	İŞIL
END TREATMENT	10 m -PLAIN ENDS	

Intended for medium and low pressure environment. It has the features of being able to be stretched, twisted and compressed. Air tight (Class C according to EN 13180) and flame retardant.

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

261- 503 registered product by Ministry of environment and urban planning in Turkey.

ROHS test was performed and it is passed successfully according to the **2011/65/EU** directive. (**EU 2015/863**)

C. Performance Data

1. Fire Resistance

Flexiva Sky is tested according to the NF P 92-501 French norm and gets **M1** certificate from CSTB lab. Flexiva Sky insulated is tested according to Italian Fire standard and gets **Class 1** .

It is tested according to **BS 476 Part 7** norm for fire reactions tests and gets **Class 1**. According to **BS 476 Part 20** norm for reaction to fire tests, the tests were performed and the test report results obtained.

Also, successfully passed **UL 181** burning test. Please contact with your sales representative for the certificates.

D. Installation

Air duct connections and joints shall be made per installation instructions outlined by İŞİL Mühendislik. The perfect installation should be by EXIVA, practical connector. Please contact with your sales representative for the installation instructions and the specifications of EXIVA.

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