

Product: Polytex IZO

Customer name: SUPERTEX



Material:

Polytex IZO is made of Polytex inner duct as the basic duct, thermal insulation of glass wool 25 mm thick and external jacket is made of metalized polyester laminated foil. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

Application:

Polytex IZO is a lightweight, flexible, thermally insulated duct designed for the installation in ventilation and air conditioning systems.

Product construction:

The product Flexible duct „Polytex IZO“ include the following components:

- Inner core: Multilayer aluminized Polyester – total thickness 34 µm
- Insulation: a green glass wool with 25 mm thick and 16 kg/m³ density
- Outer core: Multilayer aluminized Polyester – total thickness 34 µm

Properties:

Good flexibility
Good compression

Specification:

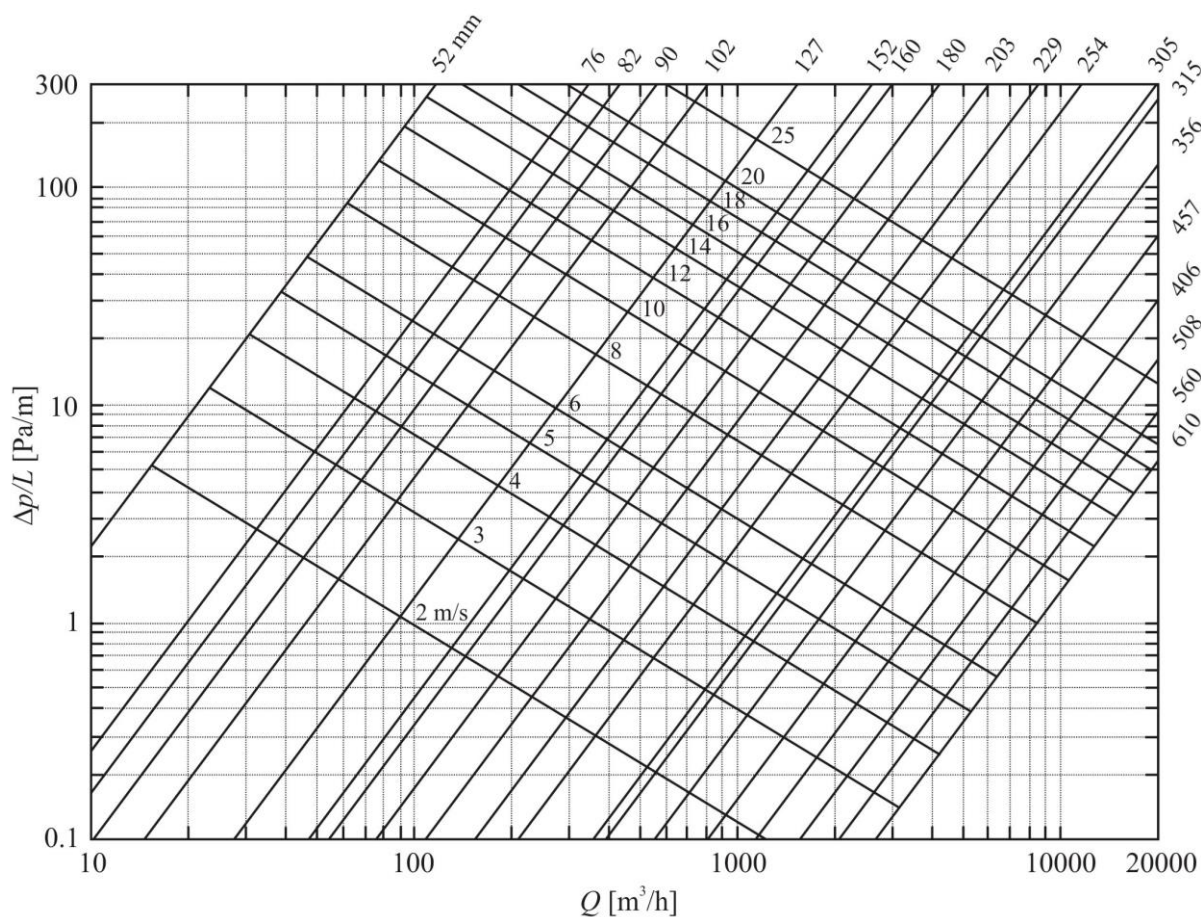
Product code:	given in the table below
Temperature range:	from -30° C to +120° C
Diameters:	from 82 mm to 508 mm
Standard length:	10 m
Operating pressure:	up to 2000 Pa
Operating air velocity:	max. 10 m/s

PRODUCT TECHNICAL SPECIFICATION



Classification:

The Polytex IZO fulfills all the requirements and are classified as specified within EN 13180: Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts.



**Pressure drop per unit length $\Delta p/L$ for the maximum stretched
straight ducts**

PRODUCT TECHNICAL SPECIFICATION



Table: Ordering information

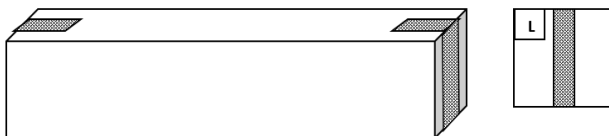
Product code	Customer Product name	Diam.	Length	Pallette dim.	Pcs. per box	Pcs. per pall.
		mm	m	cm		
P20IG25PMP082/10	SUPERTEX P20/G25PMP - dia. 082 mm x 10 m Kaffe	82	10	100x120	1	72
P20IG25PMP102/10	SUPERTEX P20/G25PMP - dia. 102 mm x 10 m Kaffe	102	10	100x120	1	72
P20IG25PMP112/10	SUPERTEX P20/G25PMP - dia. 112 mm x 10 m Kaffe	112	10	100x120	1	72
P20IG25PMP120/10	SUPERTEX P20/G25PMP - dia. 120 mm x 10 m Kaffe	120	10	100x120	1	66
P20IG25PMP127/10	SUPERTEX P20/G25PMP - dia. 127 mm x 10 m Kaffe	127	10	100x120	1	66
P20IG25PMP133/10	SUPERTEX P20/G25PMP - dia. 133 mm x 10 m Kaffe	133	10	100x120	1	66
P20IG25PMP140/10	SUPERTEX P20/G25PMP - dia. 140 mm x 10 m Kaffe	140	10	100x120	1	50
P20IG25PMP152/10	SUPERTEX P20/G25PMP - dia. 152 mm x 10 m Kaffe	152	10	100x120	1	50
P20IG25PMP160/10	SUPERTEX P20/G25PMP - dia. 160 mm x 10 m Kaffe	160	10	100x120	1	45
P20IG25PMP165/10	SUPERTEX P20/G25PMP - dia. 165 mm x 10 m Kaffe	165	10	100x120	1	45
P20IG25PMP185/10	SUPERTEX P20/G25PMP - dia. 185 mm x 10 m Kaffe	185	10	100x120	1	32
P20IG25PMP203/10	SUPERTEX P20/G25PMP - dia. 203 mm x 10 m Kaffe	203	10	100x120	1	32
P20IG25PMP229/10	SUPERTEX P20/G25PMP - dia. 229 mm x 10 m Kaffe	229	10	100x120	1	28
P20IG25PMP254/10	SUPERTEX P20/G25PMP - dia. 254 mm x 10 m Kaffe	254	10	100x120	1	18
P20IG25PMP280/10	SUPERTEX P20/G25PMP - dia. 280 mm x 10 m Kaffe	280	10	100x120	1	15
P20IG25PMP305/10	SUPERTEX P20/G25PMP - dia. 305 mm x 10 m Kaffe	305	10	100x120	1	15
P20IG25PMP315/10	SUPERTEX P20/G25PMP - dia. 315 mm x 10 m Kaffe	315	10	100x120	1	15
P20IG25PMP356/10	SUPERTEX P20/G25PMP - dia. 356 mm x 10 m Kaffe	356	10	100x120	1	10
P20IG25PMP406/10	SUPERTEX P20/G25PMP - dia. 406 mm x 10 m Kaffe	406	10	100x120	1	8
P20IG25PMP457/10	SUPERTEX P20/G25PMP - dia. 457 mm x 10 m Kaffe	457	10	100x120	1	6
P20IG25PMP508/10	SUPERTEX P20/G25PMP - dia. 508 mm x 10 m Kaffe	508	10	100x120	1	6

PRODUCT TECHNICAL SPECIFICATION



Packaging information:

L = the position of the label in the upper left corner, straight to the edges



Label on box: White color, 70x90mm

