



JÄGER
Umwelt-Technik



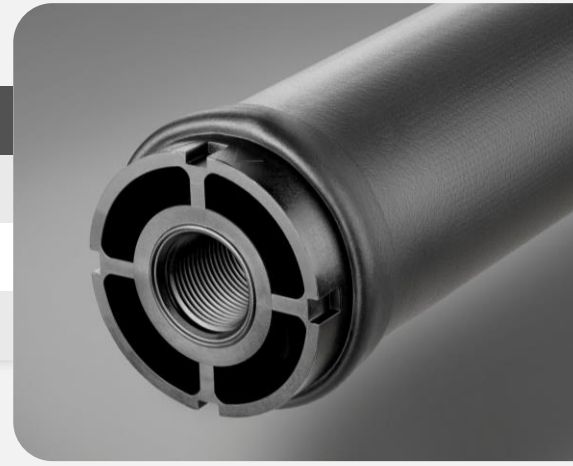
JETFLEX[®] TD 90-2 G TUBE DIFFUSER

Data sheet

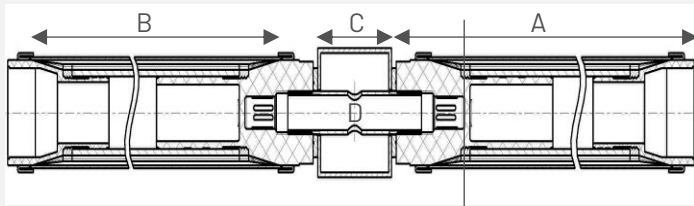
JetFlex® TD 90-2 G Tube Diffuser

Dimensions

Material	Tube diameter	ID-Sleeve	Wall thickness
EPDM	87 mm	~ 90 mm	1.9 ± 0.20 mm
Silicone	87 mm	~ 90 mm	1.5 ± 0.20 mm
PUR	87 mm	~ 90 mm	0.6 ± 0.1 mm

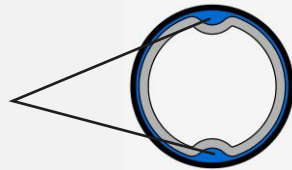


Installation drawing

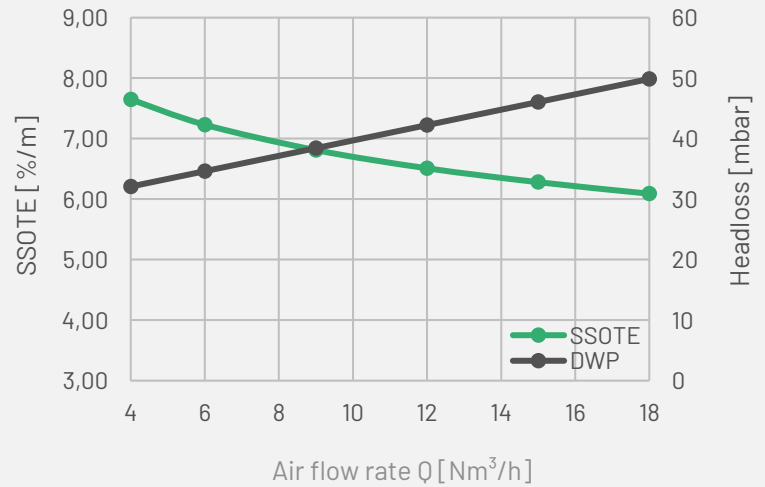


- A = Total length
- B = Perforated length
- C = Square pipe
- D = Connector

Air grooves enable low-resistance air distribution along the diffuser body.



SSOTE and headloss for EPDM 1000 mm



Perforated length	Total length	Perforated area	Air flow rate at standard operating conditions	Air flow rate at max. overload/maintenance	Operating mode
1000 mm	1145 mm	0.24 m ²	4 - 18 Nm ³ /h	28 Nm ³ /h	continuous / intermittent
750 mm	895 mm	0.18 m ²	3 - 14 Nm ³ /h	21 Nm ³ /h	continuous / intermittent
500 mm	645 mm	0.12 m ²	2 - 9 Nm ³ /h	14 Nm ³ /h	continuous / intermittent

Dimensions for connection to square pipes

Connector	Length for square tube 80 x 80 mm [C]	Length for square tube 100 x 100 mm [C]	Drill hole for connector [D]
Pipe thread ISO 228 - G 1A	145 mm	165 mm	35 +1/-0 mm

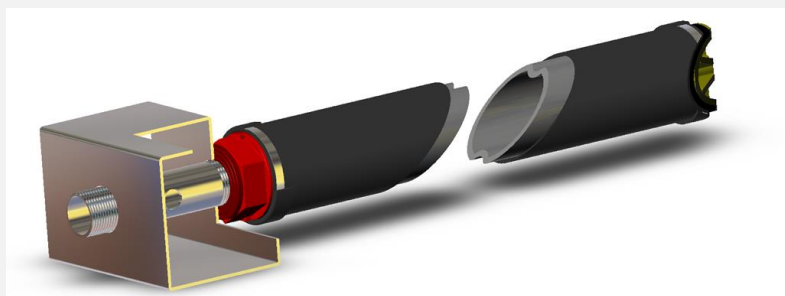
Material - Membran

	Norm	EPDM F053A	PUR	Norm	Silicone
Color		black	transparent		translucent
Plasticiser (%)		35	0		0
Density (g/cm³)	DIN EN ISO 1183-1	1.11	1.11	DIN EN ISO 1183-1	1.16
Tensile strength (N/mm²)	DIN 53504	>8.5	>45	DIN 53504	>9
Elongation at break (%)	DIN 53504	>550	>650	DIN 53504	>900
Tear strength (N/mm)	DIN EN ISO 34-1	>10	>55	ASTM D 624 B	>38
Hardness (Shore A)	DIN ISO 7619-1	43 ± 5	80 ± 5	DIN 53505	60 ± 5
Operating temperature air (°C)		5 - 80	5 - 80		5 - 100
Operating temperature water (°C)		5 - 40	5 - 40		5 - 40

Other materials

Supporting body	Stainless steel clamp
PP / PP 20% GF	1.4301

Accessories



Floor bracket and end plug



Adapter



Blind plug



Stainless steel connector for square pipe



Clamp adapter with external thread

For further information, please refer to our accessories catalogue.



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