



**JÄGER**

Umwelt-Technik



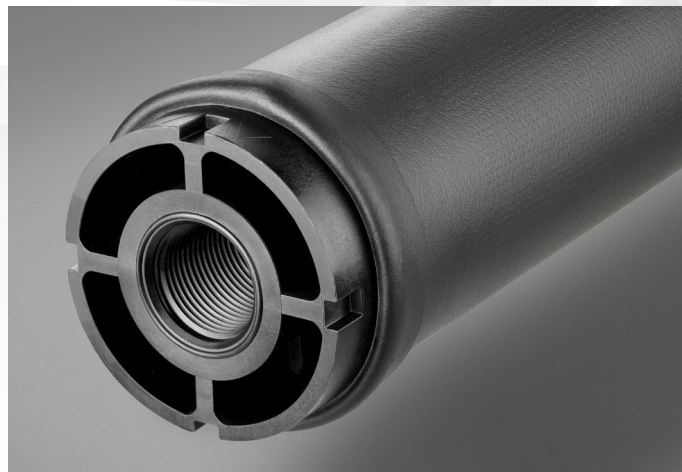
DATA SHEET

# JETFLEX<sup>®</sup> TD 90-2 G TUBE DIFFUSER

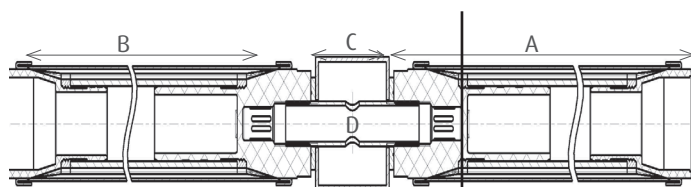
# JETFLEX<sup>®</sup> TD 90-2 G TUBE DIFFUSER

## Dimensions

Material	Tube diameter	ID-Sleeve	Wall thickness
EPDM	87 mm	~ 90 mm	1,9 ± 0,20 mm
Silikon	87 mm	~ 90 mm	1,5 ± 0,20 mm
PUR	87 mm	~ 90 mm	0,6 ± 0,1 mm

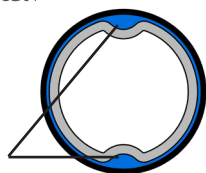


## Installation drawing

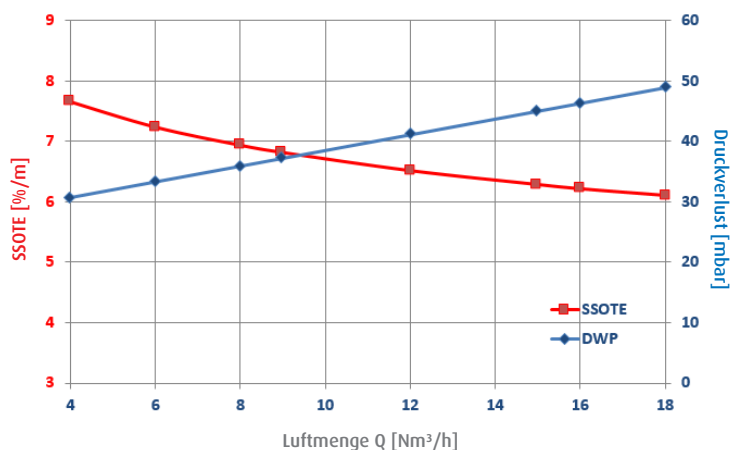


- A = Total length
- B = Perforated length
- C = Square tube
- D = Connector

Air grooves for low-resistance air distribution over the entire length of the ventilator.



## SSOTE and headloss for EPDM 1000 mm



Perforated length [B]	Total length [A]	Perforation area	Air flow rate at standard operating conditions	Max overload/maintenance air flow rate	Operating mode
1000 mm	1145 mm	0,24 m <sup>2</sup>	4 - 18 Nm <sup>3</sup> /h	28 Nm <sup>3</sup> /h	continuous / intermittent
750 mm	895 mm	0,18 m <sup>2</sup>	3 - 14 Nm <sup>3</sup> /h	21 Nm <sup>3</sup> /h	continuous / intermittent
500 mm	645 mm	0,12 m <sup>2</sup>	2 - 9 Nm <sup>3</sup> /h	14 Nm <sup>3</sup> /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 threads ISO 228 -G 1A	145 mm	165 mm	35 +1/-0 mm

Weitere Details entnehmen Sie bitte unseren Einbau- und Betriebsanleitungen.

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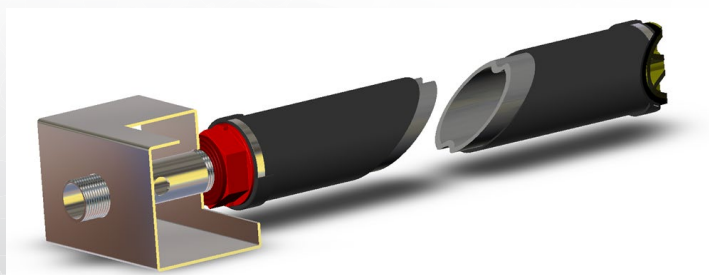
## Membrane materials

Material	Norm	EPDMperformance Plus	PUR	Norm	Silikon
Colour		black	green		translucent
Plasticiser (%)		35	0		0
Density (g/cm <sup>3</sup> )	DIN EN ISO 1183-1	1,11	1,15	DIN EN ISO 1183-1	1,16
Tensile strength (N/mm <sup>2</sup> )	DIN 53504	>8,5	>35	DIN 53504	>9
Elongation at break (%)	DIN 53504	>550	>500	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	87 ± 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



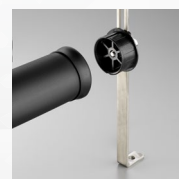
Stainless steel connectors for square tubes



Adapter



Blind plug



Floor bracket and end plug



Half shell without Thread

For further information, please refer to our accessories catalogue.



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