



## Fine bubble tube diffuser

### Series-7

Membrane Material:

EP: High grade EPDM sleeve

SL: High tear strength Silicon sleeve



#### High grade EPDM sleeve

- Density 1.09±0.03 g/cm<sup>3</sup>
- Hardness, 45±5 shore A
- Tensile strength >11.65MPa
- Elong. at break >700%
- Tear Resistance >6N/mm(ISO34-1)

Perforation membrane from Germany



#### High tear strength Silicon Sleeve

- Density 1.19
- Hardness, 65±3 shore A
- Tensile strength: approx. 10MPa
- Elong. at break, 510%
- Tear Resistance, approx. 35kN/m



#### STD Configuration

Diffuser type	7-500-EP, 7-500-SL	7-1000-EP, 7-1000-SL
OD x Total length	68mm x 550mm	68mm x 1,050mm
Eff. Length x Perforated area	500mm x 0.09m <sup>2</sup>	1,000mm x 0.18m <sup>2</sup>
Air inlet threaded	3/4" NPT, female	
Continuous airflow	2.0-6.0 Nm <sup>3</sup> /h	4.0-12.0 Nm <sup>3</sup> /h
Max. overload/Maintenance airflow (<15min/day)	10.0 Nm <sup>3</sup> /h	20.0 Nm <sup>3</sup> /h



#### Bilateral Pairs Configurations

Diffuser type	Membrane	Air header size	
7-1000EP-KPT-88.9	EPDM	OD 88.9mm	<ul style="list-style-type: none"> <li>■ Total length x Eff. length: 1,280mm x 1000mm</li> <li>■ Perforated area: 0.18m<sup>2</sup></li> <li>■ Continuous air flow: 4.0 - 12.0 Nm<sup>3</sup>/h</li> </ul>
7-1000SL-KPT-88.9	Silicon	OD 88.9mm	
7-1000EP-KPT-90	EPDM	OD 90.0mm	
7-1000SL-KPT-90	Silicon	OD 90.0mm	
7-1000EP-KPT-110	EPDM	OD 110mm	
7-1000SL-KPT-110	Silicon	OD 110mm	<ul style="list-style-type: none"> <li>■ Total length x Eff. length: 2,280mm x 2000mm</li> <li>■ Perforated area: 0.36m<sup>2</sup></li> <li>■ Continuous airflow: 8.0 - 24.0 Nm<sup>3</sup>/h</li> </ul>
7-2000EP-KPT-88.9	EPDM	OD 88.9mm	
7-2000SL-KPT-88.9	Silicon	OD 88.9mm	
7-2000EP-KPT-90	EPDM	OD 90.0mm	
7-2000SL-KPT-90	Silicon	OD 90.0mm	
7-2000EP-KPT-110	EPDM	OD 110mm	<ul style="list-style-type: none"> <li>■ Total length x Eff. length: 2,280mm x 2000mm</li> <li>■ Perforated area: 0.36m<sup>2</sup></li> <li>■ Continuous air flow: 8.0 - 24.0 Nm<sup>3</sup>/h</li> </ul>
7-2000SL-KPT-110	Silicon	OD 110mm	



Diffuser type	Membrane	Air header size	
7-1000EP-KPT-114.3	EPDM	OD 114.3mm	<ul style="list-style-type: none"> <li>■ Total length x Eff. length: 1,280mm x 1000mm</li> <li>■ Perforated area: 0.18m<sup>2</sup></li> <li>■ Continuous air flow: 4.0 - 12.0 Nm<sup>3</sup>/h</li> </ul>
7-1000SL-KPT-114.3	Silicon	OD 114.3mm	
7-2000EP-KPT-114.3	EPDM	OD 114.3mm	<ul style="list-style-type: none"> <li>■ Total length x Eff. length: 2,280mm x 2000mm</li> <li>■ Perforated area: 0.36m<sup>2</sup></li> <li>■ Continuous air flow: 8.0 - 24.0 Nm<sup>3</sup>/h</li> </ul>
7-2000SL-KPT-114.3	Silicon	OD 114.3mm	

