



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/cm³
- Hardness, 40±5 shore A
- Tensile strength >6MPa
- Elong. at break >400%
- 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 ²	1,000mm x 0.18m ²
Air inlet threaded	3/4" NPT, female	
Continuous airflow	3.0-6.0 Nm ³ /h	6.0-12.0 Nm ³ /h
Max. overload/Maintenance airflow (<15min/day)	10.0 Nm ³ /h	20.0 Nm ³ /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"> ■ Total length x Eff. length: 1,280mm x 1000mm ■ Perforated area: 0.18m² ■ Continuous air flow: 6.0 - 12.0 Nm³/h
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"> ■ Total length x Eff. length: 2,280mm x 2000mm ■ Perforated area: 0.36m² ■ Continuous airflow: 12.0 - 24.0 Nm³/h
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	
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"> ■ Total length x Eff. length: 1,280mm x 1000mm ■ Perforated area: 0.18m² ■ Continuous air flow: 6.0 - 12.0 Nm³/h
7-1000SL-KPT-114.3	Silicon	OD 114.3mm	
-2000EP-KPT-114.3	EPDM	OD 114.3mm	<ul style="list-style-type: none"> ■ Total length x Eff. length: 2,280mm x 2000mm ■ Perforated area: 0.36m² ■ Continuous air flow: 12.0 - 24.0 Nm³/h
7-2000SL-KPT-114.3	Silicon	OD 114.3mm	

