

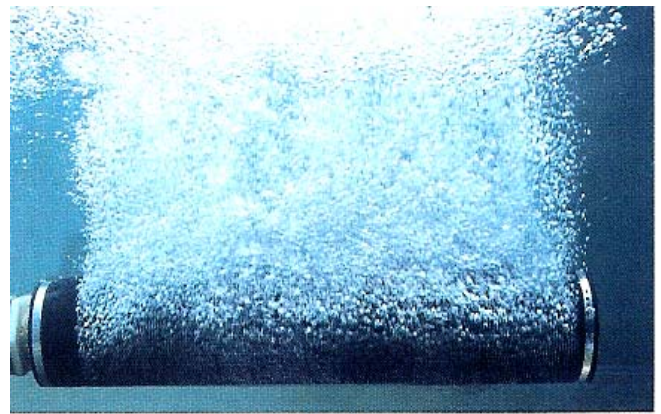
Fine bubble tube diffuser

細氣泡曝氣管 ■ Series-9

Membrane Material:

EP: High grade EPDM sleeve

SL: High tear strength Silicon sleeve



High grade EPDM sleeve

- 密度 Density 1.09±0.03 g/cm³
- 硬度 Hardness, 40±5 shore A
- 抗拉強度 Tensile strength >6MPa
- 斷裂伸長率 Elong. at break >400%
- 撕裂強度 Tear Resistance >6N/mm (ISO34-1)

德國 ECOLOGIX 進口打孔膠管

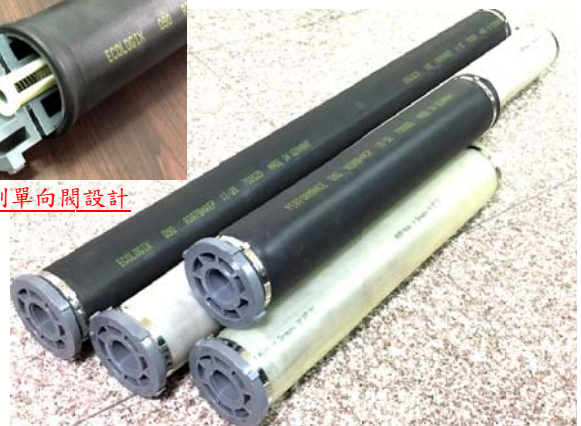


High tear strength Silicon Sleeve

- 密度 Density 1.19
- 硬度 Hardness, 65±3 shore A
- 抗拉強度 Tensile strength: approx. 10MPa
- 斷裂伸長率 Elong. at break, 510%
- 撕裂強度 Tear Resistance, approx. 35kN/m

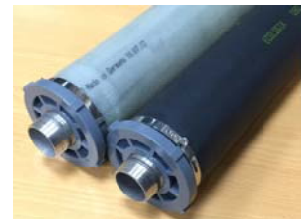


專利單向閥設計



牙紋鎖固裝配 STD Configuration

| Diffuser Type 產品型號 | 9-500-EP, 9-500-SL | 9-1000-EP, 9-1000-SL |
|--|----------------------------|------------------------------|
| OD x Total length 外徑 x 總長 | 95mm x 550mm | 95mm x 1,050mm |
| Eff. Length x Perforated area 有效曝氣長度 x 有效曝氣面積 | 500mm x 0.12m ² | 1,000mm x 0.24m ² |
| Air inlet threaded 進氣孔螺紋 | 1-1/4" NPT, female | |
| Continuous airflow 持續/間斷操作風量 | 3.0-9.0 Nm ³ /h | 6.0-18.0 Nm ³ /h |
| Max. overload/Maintenance airflow 維護最大風量(<15min/day) | 15.0 Nm ³ /h | 30.0 Nm ³ /h |



懸吊式馬鞍裝配 Hanging Pairs Configuration(每個曝氣區管路不需加裝水氣排出系統)

| Diffuser type | Membrane | Air header | Remarks |
|-----------------|----------|------------|--|
| 9-1000EP-KPH-04 | EPDM | OD.114.3mm | <ul style="list-style-type: none"> ■ Total length x Effective length: 1,290mm x 1,000mm ■ Perforated area: 0.24m² ■ Continuous airflow: 6.0 - 18.0 Nm³/h |
| 9-1000SL-KPH-04 | Silicon | | |
| 9-1000EP-KPH-06 | EPDM | OD.168.3mm | <ul style="list-style-type: none"> ■ Total length x Effective length: 2,290mm x 2,000mm ■ Perforated area: 0.48m² ■ Continuous airflow: 12.0 - 36.0 Nm³/h |
| 9-1000SL-KPH-06 | Silicon | | |



平行式馬鞍裝配 Bilateral Pairs Configurations

| Diffuser type | Membrane | Air header | Remarks |
|-------------------|----------|------------|--|
| 9-1000EP-KPT-88.9 | EPDM | OD.88.9mm | <ul style="list-style-type: none"> ■ Total length x Effective length: 1,280mm x 1,000mm ■ Perforated area: 0.24m² ■ Continuous airflow: 6.0 - 18.0 Nm³/h |
| 9-1000SL-KPT-88.9 | Silicon | | |
| 9-1000EP-KPT-90 | EPDM | OD.90mm | <ul style="list-style-type: none"> ■ Total length x Effective length: 2,280mm x 2,000mm ■ Perforated area: 0.48m² ■ Continuous airflow: 12.0 - 36.0 Nm³/h |
| 9-1000SL-KPT-90 | Silicon | | |
| 9-1000EP-KPT-110 | EPDM | OD.110mm | <ul style="list-style-type: none"> ■ Total length x Effective length: 2,280mm x 2,000mm ■ Perforated area: 0.48m² ■ Continuous airflow: 12.0 - 36.0 Nm³/h |
| 9-1000SL-KPT-110 | Silicon | | |



| Diffuser type | Membrane | Air header | Remarks |
|--------------------|----------|------------|---|
| 9-1000EP-KPT-114.3 | EPDM | OD.114.3mm | <ul style="list-style-type: none"> ■ Total length x Effective length: 1,280mm x 1,000mm ■ Perforated area: 0.24m² ■ Continuous airflow: 6.0 - 18.0 Nm³/h |
| 9-1000SL-KPT-114.3 | Silicon | | |
| 9-2000EP-KPT-114.3 | EPDM | | |
| 9-2000SL-KPT-114.3 | Silicon | | |



■ Effective length 1,500mm available as options ■ Sleeve material Pure-Polyurethane available as options