

# 12" Disc Diffuser

## Specifications:

- Diameter :355 mm (effective: 290 mm)
- Perforated area :0,066 m<sup>2</sup>
- Weight :1025 gr
- Net height :35 mm
- Connection :¼ male PT
- Orifice :10 mm
- Operating range :2-10 m<sup>3</sup>/h (peak output 3-4 m<sup>3</sup>/h)
- Maximum flow rate :15 m<sup>3</sup>/h
- Bubble size :1-3 mm
- EPDM structure :Sulphur crosslinked
- VMQ structure :Peroxide crosslinked



## Advantages:

- Tested high oxygen transfer efficiency
- Low head loss value.
- Silt geometry is developed via R&D activities
- Smooth membrane surface preventing the formation of bacterial plaque
- Surface structure enabling the bubbles to easily leave the membrane surface
- Small and intensive slit structure, maximising oxygen transfer efficiency
- Specially developed, long-lasting membrane elastomer formulation.

## Applications:

- Municipal and industrial wastewater treatment
- Water treatment
- Renaturation of lakes and rivers
- Fish farming

## Performance:

Performance of DAYSil diffusers is measured according to the Advisory Leaflet ATV-M 209C (Measurement of the Oxygen Transfer in Activated Sludge Aeration Tanks with Clean Water and in Mixed Liquor) of DWA – German Association for Water,

