

Domeflex™

Fine Bubble Air Diffuser

All-Rubber Construction for Long Life
Integral Tideflex® Check Valve
Heavy-Duty Perforated Membrane
Non-Clogging Design



Materials of Construction

- Available in Neoprene, Buna-N, and EPDM
- PVC Bushing
- 304 SS Threaded Connection
- 304 SS Band

The Domeflex Fine Bubble Air Diffuser was designed specifically to overcome the limitations of traditional fine bubble diffuser designs. The Domeflex is constructed entirely of high-quality elastomers, making it ideal for use in corrosive applications.

The Domeflex is designed to keep debris from backflowing into the air diffuser piping and clogging the system. The perforated membrane must inflate for the perforations to open, so the holes are closed when the air is shut off. The membrane is designed with small depression in the center that caps off the opening to the diffuser, providing a secondary seal. Finally, a small Tideflex® Check Valve is installed in the stem of the diffuser to stop any remaining water that may have passed.

The Domeflex is constructed with a 1.5” slip-on connection, but a bushing and 1/2” NPT pipe stub can be provided as well for threaded connections. A wide variety of installation configurations are available to meet airflow, oxygen transfer, and space