

# SEA WATER INTAKE LINES

## Derakane Epoxy Vinyl Ester Resins – Case History



### Fabricator

Cord Abu Dhabi, U.A.E.

### Fabrication

The pipes were manufactured by a helical filament winding process using **DERAKANE 411** epoxy vinyl ester resin.

This resin was specified because of its good mechanical and corrosion resistance in this environment.

### Design / Comment

Consultant : Fichtner Consulting Engineers, Germany.

Contractor : Polensky and Zoellner.

### Technical Data

Pipes DN 1400 (4.6 ft) to DN 1600 (5.3 ft)

Total length of 1.5 km (0.9 mi).

### Service Conditions

Pipes designed for sea water intake operating at 7.2 bar (104 psi) internal pressure for the Ruwais hydrocracking project.

Last update in 1987.

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