PRODUCT DATASHEET

Spiral-Wound Element Test Housings (1812 to 4040)

1812 to 4040 element housings





DETAIL – ELEMENT HOUSINGS ON STANDS

OVERVIEW

The Tech Inc. Spiral-Wound Element Test Housings (1812 to 4040) hold spiral-wound elements for testing in the laboratory or pilot plant, so membranes can be checked in element form after flat-sheet screening. Housings are made in SS316 or FRP with end caps, side or end ports and gauges.

MODELS AND CONFIGURATIONS

- **1812 housing** – small elements for lab skids.
- **2540 housing** – pilot plants.
- **4040 housing** – larger pilots and QC.

TYPICAL DESIGN DATA

Pressure	Up to 69 bar (RO), 21 bar (NF)
Material	SS316 or FRP
Ports	Side or end
Elements	1812, 2521, 2540, 4040

APPLICATIONS

Element testing, pilot plants, scale-up from flat-sheet tests and quality checks of incoming elements.

KEY ADVANTAGES

- **Scale-up** – from coupon to element
- **Robust** – rated for RO pressure
- **Flexible** – single or series arrangements

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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