PRODUCT DATASHEET

Corrosion Monitoring Access Fittings and Injection Quills

Access fittings, coupons, probes and quills





DETAIL – ACCESS FITTINGS AND QUILLS

OVERVIEW

The Tech Inc. Corrosion Monitoring Access Fittings and Injection Quills give the corrosion team a way into the pipe for monitoring and chemical dosing. Access fittings carry weight-loss coupons and corrosion probes, which a high-pressure retrieval tool inserts and retrieves while the line stays in service. Injection quills deliver corrosion inhibitor and other chemicals into the flow rather than onto the pipe wall.

MODELS AND CONFIGURATIONS

- **TI-AF2** – 2-inch, 6,000 psi corrosion access fitting.
- **Injection quills** – fixed or retrievable, with tips for liquid or atomised injection.
- **Coupons and holders** – strip and disc weight-loss coupons in the pipe material or client-specified alloys.
- **Corrosion probes** – for online measurement of corrosion rate.

TYPICAL DESIGN DATA

Access fitting size	Typically 2-inch (TI-AF2), or to client specification
Pressure rating	Up to 6,000 psi, or to client specification
Body materials	Carbon steel, stainless steel or alloy, to client specification
Sour service	Materials designed to NACE MR0175 / ISO 15156 or client specification
Line connection	Weld-on, threaded or flanged, to client specification
Quill insertion length	Sized to the pipe diameter, with the tip in the main flow
Coupon exchange	Typically every 90 days, or to the monitoring programme

APPLICATIONS

Oil and gas flowlines and pipelines, gas plants and refineries, wellsite chemical injection points, water-injection lines, and corrosion monitoring programmes.

KEY ADVANTAGES

- **Service without shutdown** – coupons and probes retrieved under pressure with a retrieval tool
- **Effective dosing** – quills inject into the main flow for even distribution
- **High-pressure rated** – TI-AF2 fittings rated up to 6,000 psi
- **Matched sets** – fittings, coupons, probes and quills supplied together for each point
- **Ties into dosing** – supplied with our chemical injection skids as one package

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

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Data are typical; final design to client specification.