

Get in contact

NOTE: Replacement C276 bundles: \$1.14 M, not including removal of existing and installation of new Air Fin Coolers.



ALL BRAND SERVICE

Besides being experts in our own products and our former brands, we also have the expertise to service other brands.



www.kelvion.com

Kelvion Service

KELVION TUBE LINERS & SHIELDS

KELVION SHIELDS

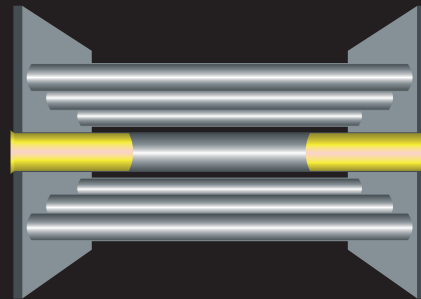
Shields/Seals repair damaged and/or leaking tube ends and prevent unnecessary retubing or plugging.

Why replace the entire tube when only the first 20-30 cm are worn?

They are also commonly installed in new heat exchanger tubes to prevent damage that can lead to leaking/plugged tubes. Shields/Seals can repair/restore tubes suffering from corrosion.

The installation is done by using two methods:

- ▶ Mechanical Expansion
- ▶ Full Length Hybrid Expansion

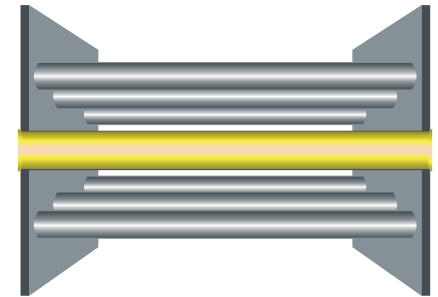


KELVION TUBE LINERS

Full Length Tube Liners are designed to restore tubes that are suffering from isolated or full-length corrosion (pitting, cracking).

Leaking or damaged tubes requiring plugging are returned to service. Reduced fouling of Liners increases efficiency over plain carbon steel tubes. Tube Liners are designed into new heat exchanger builds to increase reliability and extend service life expectancy.

Eliminating tube leaks in between turnarounds and avoiding emergency shutdowns to plug are proven cost savings benefits.



4 STEP PROCESS



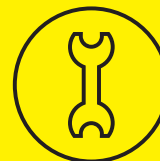
GATHER INFORMATION

Data sheets, drawings, NDT reports, tube failure analysis, borescope photos



PROPOSE REPAIR

Shields/Seals for tube end repair (from 100 mm to over 4000 mm), Liners for tubes with full-length damage (up to 18000 mm)



INSTALLATION

Materials, supervisor, trained technicians and specialty equipment mobilized in-situ to execute the heat exchanger repairs



QUALITY CONTROL

Final inspection, customer hydro/pressure test verification of the repairs