









Pyro-tex Joint Sealant for Heat Exchangers

Industry Pain Points Solved by High-Performance Pyro-tex Joint Sealant

-  • Mitigated Exchanger Leakage
-  • Vibration and Fatigue Resistance
-  • Improved Conductivity Requirements
-  • Thermal Resistance
-  • Superior Chemical Compatibility
-  • Mitigation of Contamination and Product Loss

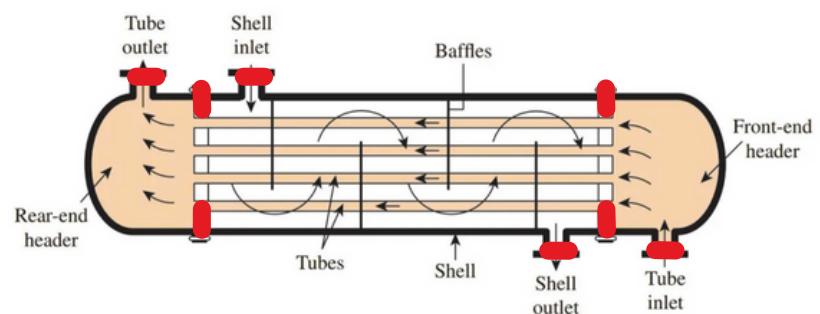
A heat exchanger efficiently transfers heat between a source and a working fluid, making it ideal for various heating and cooling processes. The fluids can be in direct contact or separated by a solid barrier to prevent any mixing. Heat exchangers find applications in a wide range of industries, such as power stations, chemical plants, and petroleum refineries.

Pyro-tex's Self-forming Gasket eliminates the need to remove the tubes from the Shell for easy maintenance.

SERVICES:

- Temps up to 1200°F/650°C in steam
- Carbon-fiber reinforced pressures: up to 3500 psi/241 bar
- Metal-reinforced pressures: up to 4500 psi/310 bar
- pH range: 0-14, except strong oxidizers
- Up to 1800F/1000C in non-oxidizing environments. Contact Factory for info.

Shell and tube heat exchanger



-  • Denotes locations of Pyro-tex Gaskets

Pyro-tex Joint Sealant from the Slade product family



PYRO-TEX JOINT SEALANT SELF-FORMING GASKET

Known in the industry as the 'Gasket on a Spool'™

INSTALLATION

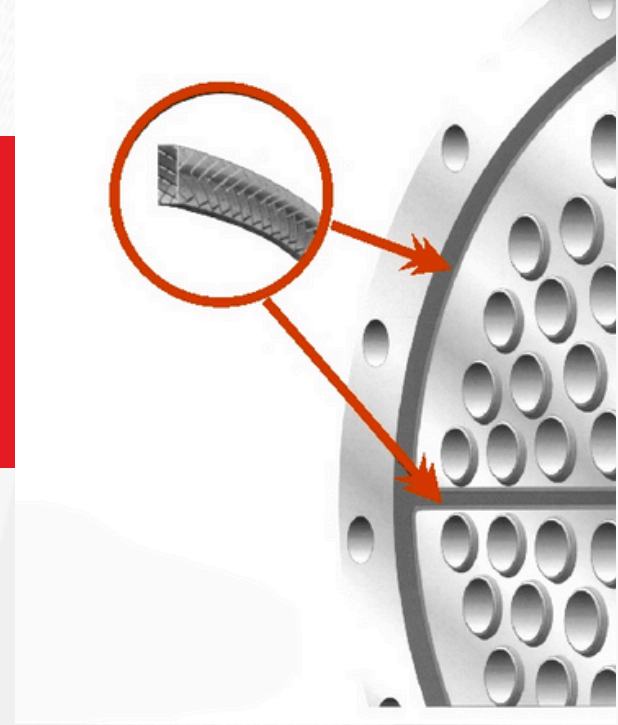
1. Skive cut (on a bias) the end joints for cross sections 5/16" and up. Standard cut and overlap the smaller cross sections.
2. Apply adhesive to the flat side and all joints of the Pyro-Tex and allow to dry until tacky.
3. Firmly seat gasket, pressing it in place as you work it around, overlapping the joint.
4. For rib applications, overlap each of the ribs with the surrounding gasket.
5. Firmly press joints together.

SOLUTION



BENEFITS

- Effective on surfaces that are warped and heavily oxidized
- Replace the gasket without removing the tube bundles
- Adhesive bonds in place during installation
- Self forms into an endless gasket
- Can be manufactured to virtually any desired thickness or width
- Metallic or Carbon reinforcement impedes extrusion
- Individual strands are reinforced with carbon fiber or 304 stainless steel for added strength
- Conveniently packaged on a spool, ensuring safe transport and easy storage



Size (in)	Installed Width (in)	Installed Width (mm)
Widths given for flat-faced flanges only		
STANDARD SQUARE		
1/8"	0.250	6.4
3/16"	0.375	9.5
STANDARD SEMI ROUND		
1/4"	0.420	10.7
5/16"	0.500	12.7
3/8"	0.600	15.2
1/2"	0.900	22.9
9/16"	1.000	25.4
5/8"	1.250	31.8
3/4"	1.750	44.5
STANDARD REGULAR		
3/16" x 1/8"	0.260	6.6
1/4" x 1/8"	0.370	9.4
5/16" x 3/16"	0.590	15.0
3/8" x 3/16"	0.700	18.8
1/2" x 3/16"	0.860	21.8
5/8" x 1/4"	1.350	34.3
3/4" x 1/4"	1.560	39.7
1" x 1/4"	2.00	50.8
Contact Factory for Technical Data		