

Flaretite Seals

The Flaretite Seal is a metal stamping, designed with multiple, concentric sealing rings.

The entire seal is coated with a **dry-to-the-touch**, baked-on Loctite™ sealant. When inserted into a fitting, the concentric rings form multiple seals down the face of the flare, while the Loctite coating fills minor imperfections, dramatically increasing the integrity of the fitting. New ISO and NFPA standards strongly recommend seals for all fittings.

- Fits all standard JIC/SAE/JIS flare fittings, hydraulic and pneumatic
- Has a **user-friendly tab to clip the seal** onto the fitting
- **Protects against weeping** on new and damaged fittings
- Creates a perfect **leak-free clip-on seal, guaranteed**
- Complies with latest international standards

Other seals available on request.



 **Working Temperature:**
-40°C to +150°C

The Only Flare Seal Solution

Introduced in the 1940's, the SAE 37° flare or JIC connection, has become the most commonly used hydraulic connection in the world. Even with the introduction of more robust and higher-pressure capable connections, the SAE 37° flare remains widely accepted due to its ease of assembly, global availability and reusability.

Along with the benefits of SAE 37° connections, come drawbacks. The metal-to-metal sealing surfaces are subject to damage both prior to installation and as the connections are re-used. Sealing surface imperfections lead to unwanted weeping and leaking joints.

The solution...Flaretite seals. Flaretite seals are ideal to enhance new installations of SAE 37° connections, as well as seal off minor leaks and weeping connections.

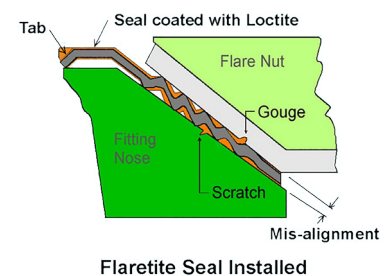
Flaretite 304 Stainless Steel, JIC 37°	
0266	JIC
FF13267	7/16"
FF13268	9/16"
FF13269	3/4"
FF13270	7/8"
FF13271	1.1/16"
FF13272	1.5/16"
FF13273	1.5/8"
FF13570	1.7/8"
FF13571	2.1/2"

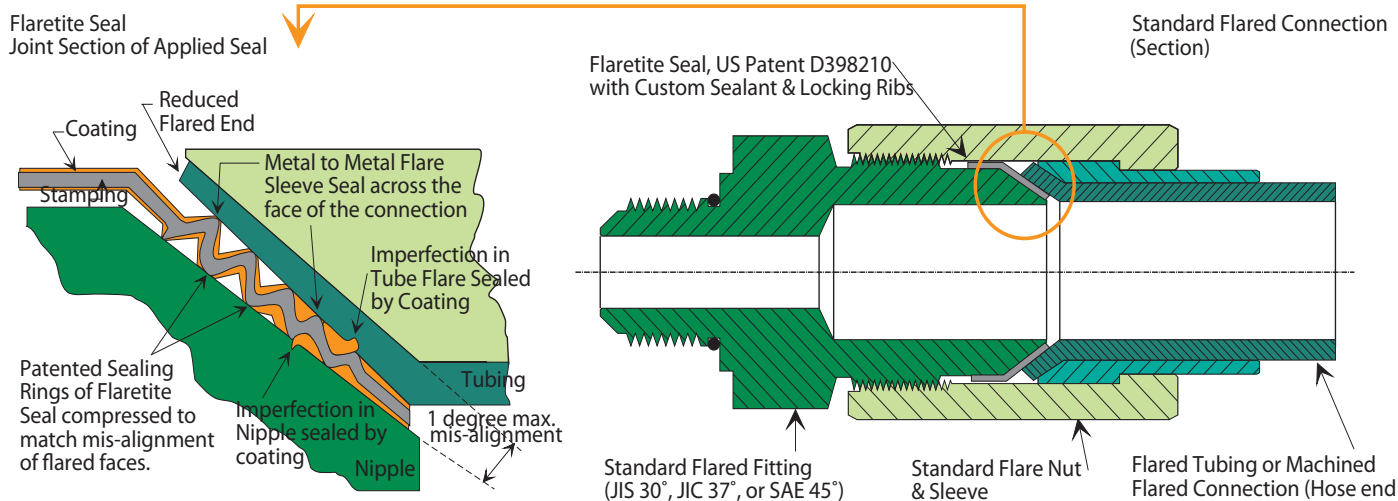
Features

- Ribbed insert design
- Coated with Loctite** sealant
- Reduces minor leaks and weeping connections
- Built-in clip to attach the Flaretite seal to the nose of the SAE 37° connection
- Available sizes: -04 through -32

Benefits

- Multiple surface contact points
- Locks the joint and fills surface imperfections
- Saves time and money associated with maintenance and rework
- Quick and easy assembly





How to Order

Seal Size	Package Part Number	Number of Seals Per Package
-04	FF13267	100
-06	FF13268	100
-08	FF13269	100
-10	FF13270	100
-12	FF13271	100
-16	FF13272	50
-20	FF13273	50
-24	FF13570	25
-32	FF13571	10

Assembly and Torque Requirements

To assemble an SAE 37° connection using a Flaretite seal, simply push the Flaretite seal onto the male portion of the connection. The built-in clip will hold the Flaretite seal onto the male half.

During assembly ensure:

- the seal is fitted squarely to the conical nose of the JIC fitting -37° flare.
- the sealing faces of the flared connector part are clean and free of burrs.
- the flared joint is correctly tightened with recommended torque settings noted below.

Recommended Torque Settings:

Tolerance: +10% -0%

-04 (1/4")	SAE 37°: 14lb-ft.	-10 (5/8")	SAE 37°: 80lb-ft.	-20 (1-1/4")	SAE 37°: 190lb-ft.
-06 (3/8")	SAE 37°: 26lb-ft.	-12 (3/4")	SAE 37°: 110lb-ft.	-24 (1-1/2")	SAE 37°: 220lb-ft.
-08 (1/2")	SAE 37°: 55lb-ft.	-16 (1")	SAE 37°: 140lb-ft.	-32 (2")	SAE 37°: 325lb-ft.