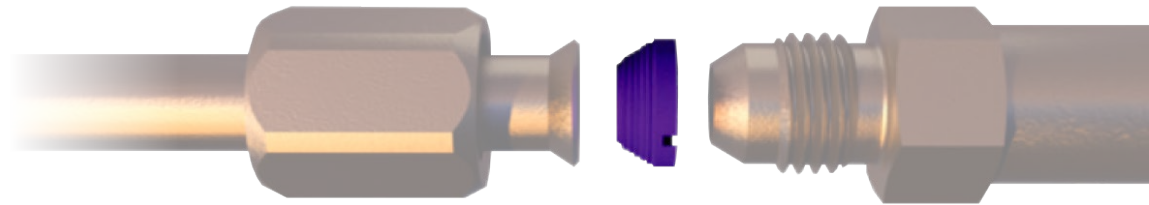




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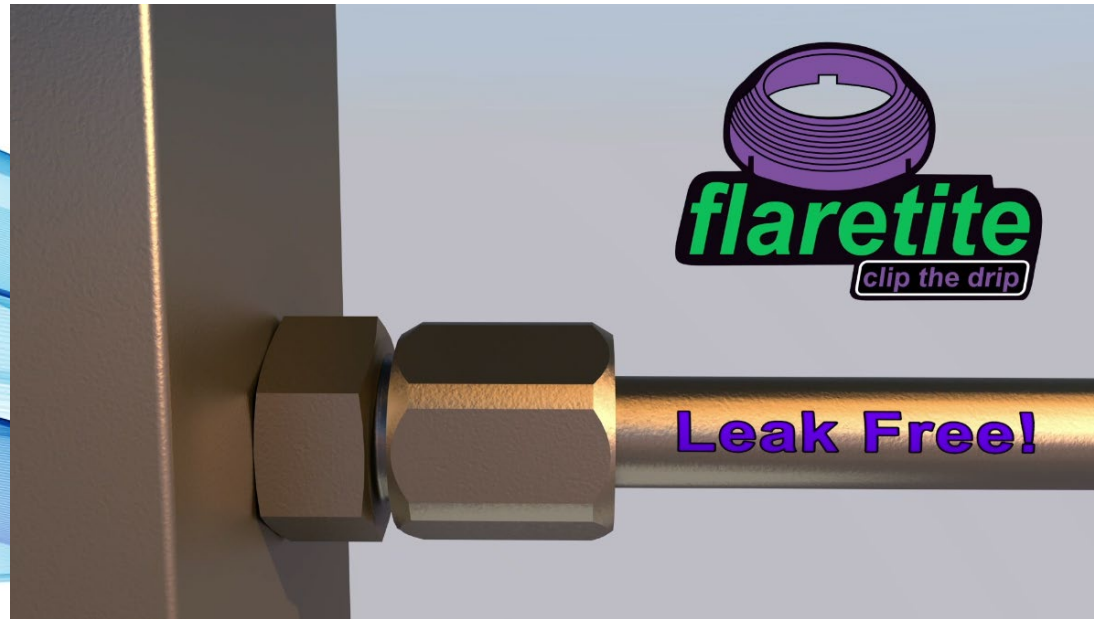
# Flaretite®

## Refrigeration and gas seals



# What is Flaretite?

Flaretite refrigeration and gas seals **reduce the costs of servicing, downtime, and call backs.**



**Make flaring faster and more reliable!**

# Flaring process and possible leak causes



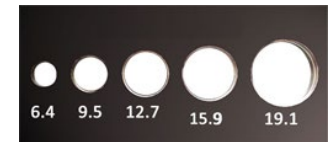
## Flaring process tools



Flaring hand tool with  
burnishing cone



Pipe cutting tool



Flare gauge

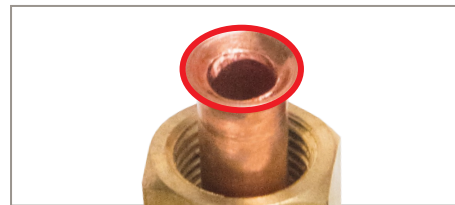


## Common Causes of Refrigerant Leaks



Burrs on the flare

↓  
**Flare misalignment**



Thinning flare

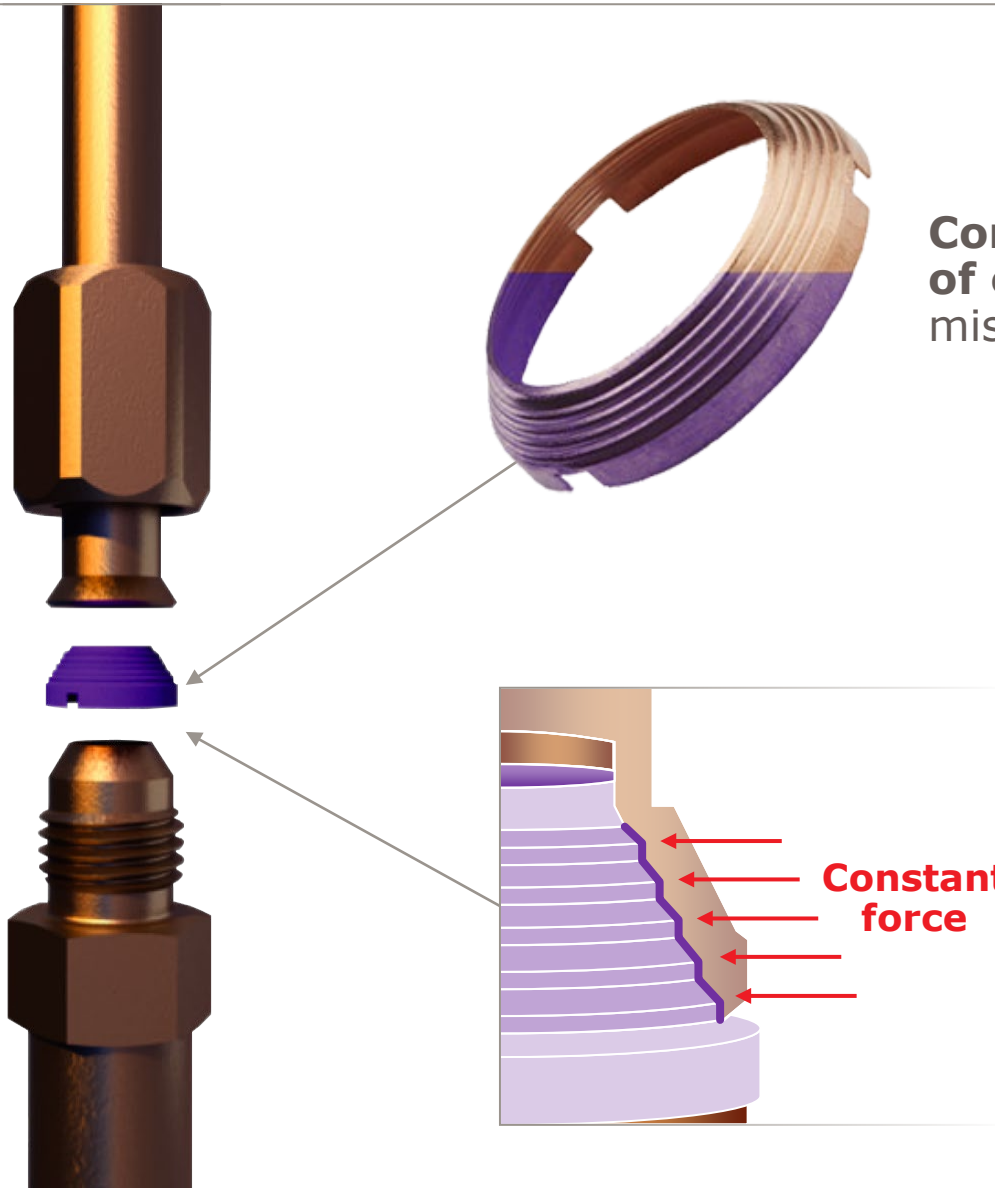
↓  
**Flare weakening/  
cracking**



Over or under sizing

↓  
**Poor flare seal**

# Flaretite: The Leak-Free Solution



**Conical rings for multiple points of contact** reducing effects of misaligned flares.

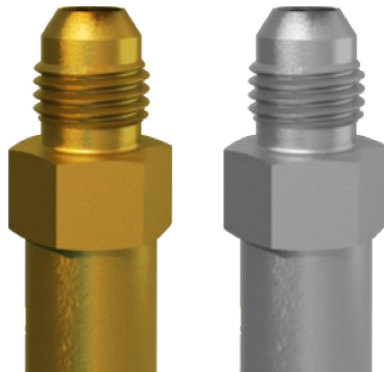
Stamped copper seal with **Loctite Vibra seal coating** dramatically increases integrity of the fittings.

# Versatile, Fast Solution

Maintains the low profile, versatility, and world-wide availability of flared fittings.

## Fittings

Works with common aluminum and brass fittings.



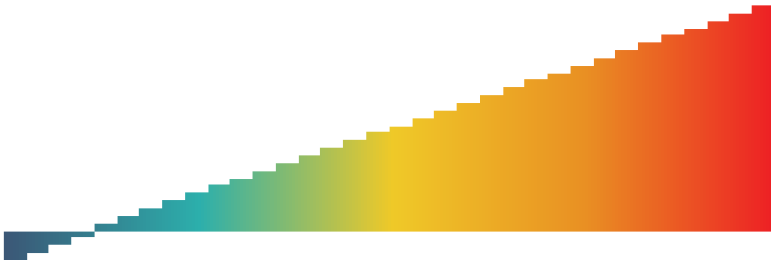
## Refrigerants

Compatible with all common refrigerants including POE and PVE oils.



## Wide operating temperature range

Rated for -40°F to 300°F operation.



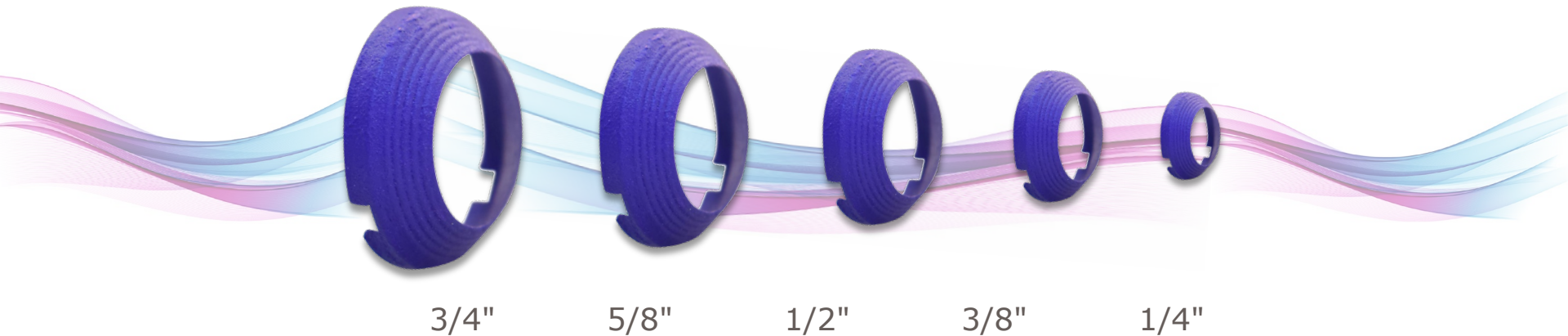
## Rated for high pressure systems

Pressure rated up to 10,000 psi.

Independently tested to one million high pressure square wave pulse cycles.



# Available in 5 sizes and 15 combinations



Code	Description	Qty
97210	9 seals each of sizes 1/4", 3/8", 1/2", 5/8"	6
97212	(2) 3/8", (2) 5/8"	10
97214	(2) 1/4", (2) 5/8"	10
97215	(2) 1/4", (2) 1/2"	10
97216	(2) 1/4", (2) 3/8"	10

Code	Description	Qty
97217	(10) 3/4"	10
97218	(10) 5/8"	10
97219	(10) 1/2"	10
97220	(10) 3/8"	10
97221	(10) 1/4"	10

Code	Description	Qty
97226	(100) 3/4"	4
97227	(100) 5/8"	4
97228	(100) 1/2"	4
97229	(100) 3/8"	4
97230	(100) 1/4"	4



# Torque Specifications



**Under tightening** can result in refrigerant leaks over time.

**Over tightening** can results in cracking on a flare causing refrigerant leaks.

**Apply torque specification to your size flare fitting** when using any of the five Flaretite sized products.

## Manufacturers\* (ft-lbs)

	1/4"	3/8"	1/2"	5/8"	3/4"
Daikin	10.4 - 12.7	24.1 - 29.4	36.5 - 44.5	45.6 - 55.6	71.7 - 87.5
LG	13.9 - 18	24.5 - 30.3	39.7 - 47.7	45.5 - 59.2	71.61 - 87.52
Fujitsu	11.8 - 13.3	23.6 - 31	36.1 - 45	46.5 - 55.3	66.4 - 81.1
Mitsubishi	10 - 13.1	25 - 30	36 - 42	54 - 58	-
Gree	10 - 13.1	25 - 30	36 - 45	50 - 60	-

## Flaretite Recommended (ft-lbs)

Flaretite	14-18	24-30	40-47	46-59	72-86
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\*Confirm manufacturer's specifications for your unit as they may have changed.

# PRO-Fit™ Flaring and Swaging Kits



Precision drill bit kits that can **create a professional flare or swage in less than five seconds** with an impact drill.

- **Forms consistently** without splits, burrs, blemishes or uneven edges that typically cause fitting connection leaks
- **Hardened, forged steel bit** construction reduces wear or breakage
- Recommended for **copper and aluminum line sets**
- Works with **2,000 RPM+ drills and drivers**





# PRO-Fit™ Flaring and Swaging Kits

## PRO-Fit™ Flaring Kit



## PRO-Fit™ Swaging Kit



- Recommended for copper and aluminum line sets, mini-splits HVAC units and any **applications requiring a swage and/or a 45° flare**
- Sold as tool box kit for easy transportation
- Color coded bits for easy identification

Code	Description	Qty
87001	Flare Kit (5pk)	4
87011	Swage Kit (6pk)	4



## Countertop Point of Sales Display is now available!

Size: 20.5" L x 11.75" W x 3.5" D



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[Click here to download a PowerPoint version of these materials.](#)