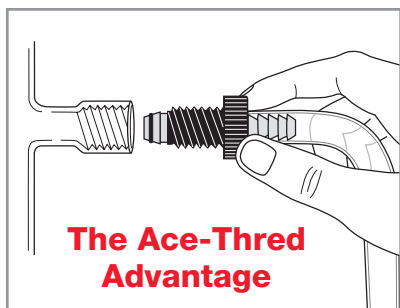


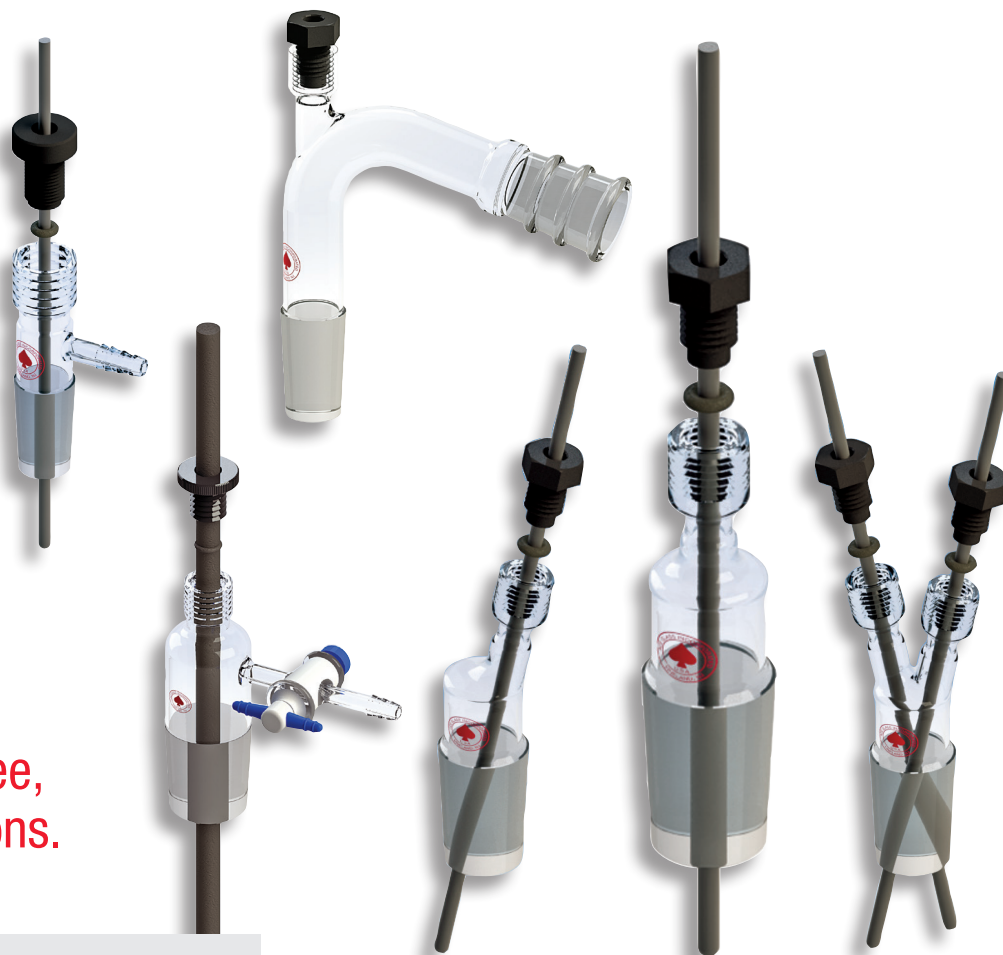
# Ace-Threds

U.S. Patent #3,695,642

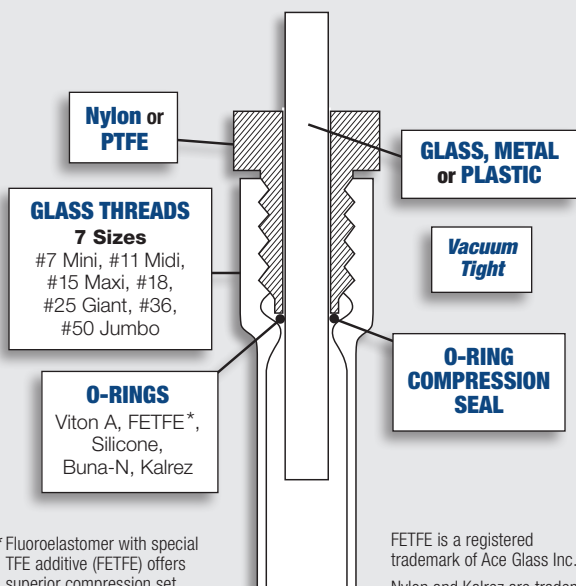
Grease-Free • Clamp-Free  
More Convenient



Ace-Threds provide versatile, grease-free, no-clamp connections.



## Ace-Threds Work



\*Fluoroelastomer with special TFE additive (FETFE) offers superior compression set resistance with built-in lubricity.

FETFE is a registered trademark of Ace Glass Inc. Nylon and Kalrez are trademarks of the E.I. DuPont Company

Ace-Threds with Bushing and O-Ring have proven useful as Adapters in: **Chromatography Equipment, Flasks, Reaction Equipment, Environmental Glassware, Air Sampling Manifolds, Hi-Vacuum Stopcocks, No-Air Glassware, Photochemical Equipment, Freeze Drying Equipment, Joints, and numerous special pieces of equipment.**

As a general rule, the #7\*, #11 and #15 threads can attain a vacuum of  $10^{-5}$  or better using the FETFE O-Ring supplied. The #25 thread will attain a vacuum of  $10^{-4}$  or better. The diameter and surface condition of the inner tube or rod inserted in the thread have an influence on the vacuum that can be attained.

The vacuum that can be attained using PTFE ferrules is slightly less than using O-Rings.



\*Reference Guide to Ace-Thred Sizes on reverse side.

# Just about any time a ground joint connection is made, an Ace-Thred can be substituted!

## About Ace Glass

**Ace Glass Incorporated**, founded 1936 in Vineland, NJ, is a leader and innovator of scientific glassware, lab equipment and glass apparatus. Over our long history, thousands upon thousands of scientific papers, research and discoveries have been attributed to **Ace Glass** products.

Many U.S. Pharmacopeia, ASTM, NIST, EPA and other agency protocols call out our products in their particular research and testing procedures. **Ace Glass** innovations and inventions include the first American made spherical joints and sintered-glass fritted disks. We also designed and patented the first internally threaded glassware — Ace Threds® — plus Ace Trubore® Precision Bore Tubing, and other products detailed in the Proprietary Products section of our website, [www.aceglass.com](http://www.aceglass.com). And our unique Instatherm® oil baths are an industry staple.

Since its inception, **Ace Glass** has been a major contributor and manufacturer to both small and large companies around the world. We are very proud not only of our rich history, but of our employees as well — many **Ace Glass** employees have been with us for 30, even 50 years. This vast experience in all areas of laboratory

glassware production allows us to provide the superior performance and quality our valued customers have come to expect over the years.

**Ace Glass** continues its strong tradition today, still manufacturing scientific glassware and equipment in Vineland, NJ, now with over 50,000 sq. ft. of production space. We have one of the largest glass lathes, and one of the largest annealing ovens, in the United States. Over 27,000 square feet of warehouse space allows us to store a significant inventory of both Ace-manufactured products and products from our fine partner companies such as J-Kem, Heidolph, Corning, and Glas-Col, among others.

As a key supplier to the pharmaceutical industry, **Ace Glass** manufactures glass reaction systems up to 200 liters in size, complete with all controls and accessory equipment. In addition to our wide-ranging product offerings, **Ace Glass** will also fabricate custom laboratory glassware to meet the most demanding customer specifications.

Whatever your laboratory glassware needs might be, **Ace Glass** can help you meet them. We've been doing just that for satisfied customers worldwide for over 70 years. We'd love to add you to our list of success stories.

### Reference Guide to Ace-Thred Sizes

Size	Accepts Tube O.D., mm	Use Bushing Number	Use With O-Ring No.	Suggested Uses
#7	6-7	5029-10	7855-704	A, B, I
#11	9-10.5	7506-02	7855-708	D, E, F, G
#15	12.5-14	7506-06	7855-716	C, H
#18	16-17	7506-08	7855-720	H, L
#25	24-25	7506-10	7855-734	K
#36	34-35	7506-12	7855-740	K, L
#50	47-48	7506-14	7855-744	K, L
#80	80	7506-20	7855-782	—

A—Thermometers	E—Thermowells	I—Miniature Electrodes
B—Bleed Tubes	F—Gas Dispersion Tubes	K—Manifolds
C—Electrodes	G—Vacuum Take-Offs	L—Immersion Wells
D—Sensing Probes	H—Inlet and Outlet Tubes	



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