



ADVANTAGES OF ACE-THREDS™

Ace-Thred™ Conveniences

- Convert virtually any connection to Ace-Thred™
- Eliminate the need for greased joints
- Can hold vacuum/pressure with use of O-Rings
- No more fumbling with clamps
- Available on adapters, vessels, condensers, heads, and much more
- Adapters to transition from glassware to
 - Hosebarb
 - NPT
 - GPI
 - Swagelok®
 - Temperature probe

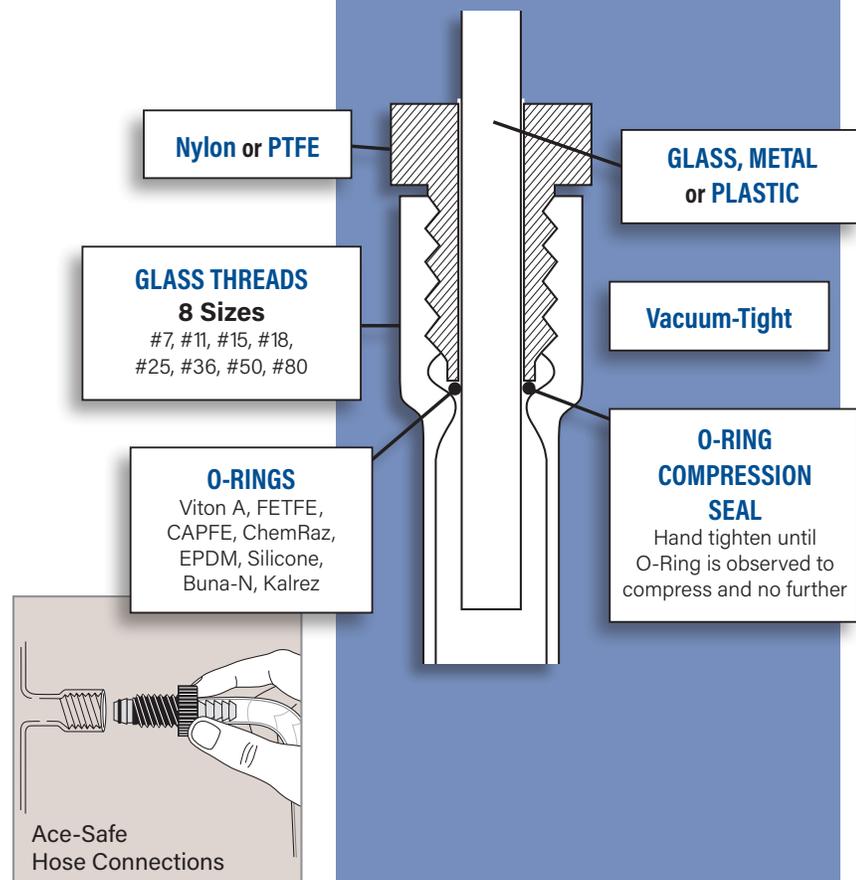
Ace-Safe™

- Ace-Thred to hose connections
- Less breakage than glass hose barbs
- Bushing slides over barbed end and secures with an O-Ring for seal
- Different materials available
- Use with various hose/tubing sizes

Also Available...

Contact us about substituting Ace-Threds on your next piece of laboratory glassware.

U.S. PATENT
#3,695,642



ADVANTAGES OF ACE-THREDS™

Ace-Threds™ with Bushing and O-Ring have proven useful as Adapters in: Pressure Ware, Distillation, Filtration, Chromatography, Flasks, Reaction Equipment, Environmental Glassware, Hi-Vacuum Stopcocks, No-Air™ Glassware, Photochemical Equipment, and many other applications.

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

| 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

B - Bleed Tubes

C - Electrodes

D - Sensing Probes

E - Thermowells

F - Gas Dispersion Tubes

G - Vacuum Take-Offs

H - Inlet and Outlet Tubes

I - Miniature Electrodes

K - Manifolds

L - Immersion Wells

*FETFE® O-Rings referenced, other materials are available.

Contact us for...

Custom glass and repair services.



1430 Northwest Boulevard
Vineland, NJ 08360

sales@aceglass.com

P: (800) 223-4524

F: (800) 543-6752

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