

## ULTRA SEAL™



## PRODUCT SPECIFICATIONS



**PRODUCT TYPE:** Teflon Thread Sealing Compound

**DESCRIPTION:** Ultra Seal™ is a white, brushable, grit-free, smooth paste. Ultra Seal™ is an all-purpose thread sealing compound, containing Teflon® for easier assembly/disassembly. Ultra Seal™ will provide a leak-free seal on most types of metal and plastic threaded applications. Ultra Seal™ is non-toxic, non-seizing, and non-hardening. Ultra Seal™ will not transfer any taste or odor and is non-corrosive. Ultra Seal™ contains an anti-galling compound and will allow for easy disassembly after years of service.

**PRESSURE RANGE:**

Ultra Seal™ will seal gas applications up to 3,000PSI (435 kPa) and liquids up to 10,000 PSI (1450 kPa).

**APPLICATIONS:** Ultra Seal™ is suitable for most plastic applications, including PVC, CPVC, ABS, ① Delrin®, ① Zytel®, Fiberglass, Nylon, Polypropylene, Polybutylene, Polyethylene, ② Celcon®, ③ Cicolac® and all types of metal applications.

Ultra Seal™ is suitable for systems carrying:

Acids, diluted	Compressed Air	Diluted Alkalis
Ammonia	Aliphatic Solvents	Brine
Butane	Corrosives	Carbon Dioxide
Castor Oils	Chlorinated Water	Coal Tar Naphtha
Cutting Oils	Diesel Fuel Oil	Fatty Acids
Freons (All)	Gasohol	Gasoline
Glycol	Heating Oils	Gaseous Helium
Hydraulic Oils	Hydrogen	Inert Gases
Jet Fuel	Kerosene	Lacquer
LP Gases	Mineral Oils	Natural Gas
Naphtha	Nitrogen Gas	Propane
Refrigeration Gases	Liquid Soap	Steam
Liquid Sugar	Vegetable Oils	Water (Including Reclaimed)
Xylol		


Ultra Seal™ does not require any set or cure time, the system may be pressurized immediately after assembly.

Ultra Seal™ is suitable for use in the following temperature ranges:

Gases:	-50°F (-45°C) to 400°F (204°C)
Liquids	-50°F (-45°C) to 400°F (204°C)

Ultra Seal™ will remain brushable to -50°F (-45°C)

### **SPECIFICATIONS & INDUSTRY LISTINGS:**

Ultra Seal™ is formulated with non-toxic inert oils and is free from any lead containing ingredients. Ultra Seal™ is listed by the National Sanitation Foundation and carries the  symbol. Ultra Seal™ exceeds U.S. Federal Specification TT-S-1732.

**SPECIAL CONSIDERATIONS:** For safety and health precautions please consult our Material Safety Data Sheet on this product. On 4" and larger diameter applications, apply Christy's™ Teflon tape to the threads prior to applying Ultra Seal™. Use extra caution while working with all plastics, overtightening may cause stress cracking.

### **PACKAGING & HANDLING:**

Ultra Seal™ is available in 1/4Pint through Quart containers. Ultra Seal™ has an indefinite "shelf life". Always seal the can tightly between uses. Stir well before using. Brush liberally onto the male threads of the pipe.

- ① Dupont Registered Trademark      ② Celanese Registered Trademark
- ③ General Electric Plastics Registered Trademark

All temperature, pressure and service recommendations constitute a recommendation only, and do not create an application warranty.

