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# SMOOTH™ Pipe Thread Sealant with PTFE

## Product Description

**SMOOTH™** is a General Purpose Pipe Thread Sealant for Industrial, Commercial and Residential uses. This Thread Sealant features a polymer binder along with engineered fillers for optimum filling of thread imperfections and gap fill. It contains PTFE to aid in lubricating the Pipe Threads during engagement to ensure easy make up of the pipe joint, without any false torquing of the fitting.

**SMOOTH™** is non-gritty consistency with a fast drying system which allows the sealant to dry quickly and to a flexible seal which resists vibration loosening

**SMOOTH™** can be used with all metal pipe and most plastic pipe. Provides excellent corrosion protection and is typically used in applications with an operating range of -40° to 300°F (-40° to 149°C) and pressures up to 5,000 psi

## Features & Benefits

- Smooth consistency, no grit to clog delicate parts
- Fast drying, firm setting
- Resists vibration loosening
- Non-toxic, no heavy metal fillers
- Excellent corrosion protection
- Broad chemical resistance
- Will not run or drip after application
- Allows for easy disassembly

## Applications include

All plumbing pipe connections, water, Fuel & kerosene lines, Hydraulic systems, water lines, Natural gas, butane & propane, Steam lines up to 250F, Dilute acids and bases, Marine MRO applications, Industrial solvents and gases

## Clean up

Use denatured alcohol or rubbing alcohol.

## Typical Properties

Property	Value
Appearance	White, smooth paste
Viscosity	10,000 – 15,000 cps
Specific Gravity	1.1
Solvent	Isopropyl alcohol
Flash point , before dry	53° F
Flash point , after cure	> 400° F
RoHS	Compliant

## GHS compliant

This product requires GHS pictograms on labels. Refer to Label and SDS for GHS information.

## Directions for assembly

Apply a thin coating to male connection, assemble and tighten joint. On 2 inch pipe and larger, apply a thin coating to male and female threads and assemble. On plastic connections do not over tighten the joint. Cure time (ambient conditions): will seal to 100 psi in 30 minutes or less and 300 psi and higher in 24 hours. At cooler temperatures curing takes longer.

## Cautions

**This product is not recommended for use in an oxygen system and not as a sealant for chlorine or other strong oxidizing materials.** Read all information on labels and Safety Data Sheets prior to use. All products should be tested and evaluated for a particular purpose prior to use.

## Storage and Shelf Life

**SMOOTH™** should be stored in closed containers. Keep closed when not in use. Optimal storage is at ambient temperatures or lower. Shelf Life is 5 years or longer if stored properly. Keep away from heat and open flame.

## Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.



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Technical Data Sheet

P/N 15000 Series

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### **Available In:**

**Size:** ¼ pt,BT    ½ pt,BT    1 pt BT

**P/N:**    15005    15008    15018    BT=Brush Top