



# Teflon® PFA HP

fluoropolymer resin

## Cynergy® Components Safeguard Fluid Purity in Pharmaceutical Processes

*Teflon*® PFA HP serves for all wetted surfaces in Entegris Inc.'s Cynergy® sanitary fluid-handling components for pharmaceutical processing equipment. Fittings are overmolded with a stiffer plastic to provide added structural support at high temperatures. Tubing, which is made entirely from *Teflon*® PFA HP, is installed with stainless steel supports.

Cynergy® fluid-handling components won first place in the Americas region in the DuPont Plunkett Awards 2000. The Awards are a global competition that recognizes innovative uses for *Teflon*®.

### Manufacturer

Entegris, Inc., Chaska, MN  
Phone: (612) 556-3131.  
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### Benefits Gained

#### **Steam-cleaning capability.**

Thanks to the thermal and chemical resistance of *Teflon*® PFA HP, Entegris can offer the first nonmetallic sanitary components that withstand steam-in-place cleaning and are compatible with virtually all process fluids.

**Fights biofilm buildup.** In studies by Entegris, *Teflon*® PFA HP proved to resist biofilm accumulation far better than glass and stainless steel, and was more easily cleaned.



**Avoids metallic contamination.** Thanks to the exceptional purity of *Teflon*® PFA HP, Cynergy® fluid handling systems allow the manufacture of metal-sensitive pharmaceuticals that can't be processed in stainless steel equipment.

### Material Selected and Why

*Teflon*® PFA HP meets requirements for thermal and chemical resistance, reduced biofilm accumulation, miniscule metallic content and compliance with regulatory requirements.

## DuPont Fluoropolymers

Call: 1-302-479-7731 or your local representative.

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