



# Product Application & Results

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**PRODUCT: Ultraflex® Blend 106 Polymer Stock # UF106**

**Description:** Ultra concentrated liquid component of alkaline presoaks for any type of car wash. Intended for use together with any of the Ultraflex® Bases. Contains highly effective surfactants and soil-release polymer for maximum cleaning and economics. Product optimized for quick penetration of road film and diminishing adhesion between dirt and car surface.

**Color:** Green liquid

**Scent:** Mild Detergent

**Foaming Ability:** Medium

**Features**

Ultra Concentrated  
Highly Effective  
Medium Foaming  
Surfactant based chemistry  
Biodegradable

**Benefits**

= Convenience and Value.  
= Excellent removal of dirt, oils, and road film.  
= Customer appeal.  
= Safety and good cleaning effectiveness.  
= Acceptable to waste water treatment.

**Application**

**Touchless In-Bay**

Presoak - Base 021 and Blend 106  
Presoak - Base 031 and Blend 106

**Base/Blend Ratios**

**Strongest**

**Weakest**

**Average**

8:1  
6:1

15:1  
15:1

12:1  
13:1

**Friction & Hybrid Systems**

Presoak – Base 021 and Blend 106

**Strongest**

**Weakest**

**Average**

9:1

18:1

14:1

**Self-Serve**

Presoak – Base 021 and Blend 106

**Strongest**

**Weakest**

**Average**

10:1

20:1

15:1

Ultraflex® Blend 106 can be drawn direct together with Base solution from ClearMix™ 55 by using checkhub (P21000001) and single tip configuration.

Required strength of product dilution will vary depending on cleaning conditions and type and condition of equipment used.

**Guidelines for Application**

**Water Quality:** Use SOFT WATER for best performance! In hard water (over 5 grains) increase strength by 10% for each grain of water hardness.

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**Stock # UF106**

**Solution** Cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather. Presoaks based on Ultraflex®  
**Temperatures:** Alkaline Bases and Blend 106 work at peak performance when the temperature of solution on the vehicle surface is between 100-110°F. Product performance is reduced at surface temperature over 120°F.

**Dwell time:** Recommend from 15 to 25 seconds between presoak and high-pressure rinse. Decrease dwell time if vehicles are hot to avoid increasing the product concentration through evaporation of the water.

**Economy:** Reduce volume through alternative nuzzling, equipment changes. Do-not over-heat dilution water as it wastes energy and can decrease product effectiveness.

### **Special Instructions**

Normal clear PVC vinyl draw tubing (P20010002-100) should be used from the reservoir to the point of dilution.

**Viscosity / Temperature Relationship:** Temperature changes have very little effect on the viscosity of this product. Tip changes due to temperature changes should not be necessary.

Temperature, °F	Viscosity, cp
40	30
50	27
60	25
70	23
80	21
90	19
100	18
110	17