



Product Application & Results

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PRODUCT: **Ultraflex® Blend 102** **Stock # UF102**

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 for maximum cleaning and economics. Product optimized for quick penetration of road film and emulsification of oil components in dirt on car surface.

Color: Purple liquid

Scent: Mild

Foaming Ability: Medium

<u>Features</u>	=	<u>Benefits</u>
Ultra Concentrated	=	Convenience and Value.
Highly Effective	=	Excellent removal of dirt, oils, and road film.
Surfactant based chemistry	=	Safety and good cleaning effectiveness.
Biodegradable	=	Acceptable to waste water treatment.

<u>Application</u>	<u>Base/Blend Ratios</u>		
<u>Touchless In-Bay</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Presoak - Base 021 and Blend 102	8:1	15:1	12:1
Presoak - Base 031 and Blend 102	6:1	15:1	13:1
<u>Friction & Hybrid Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Presoak – Base 021 and Blend 102	9:1	18:1	14:1
<u>Self-Serve</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Presoak – Base 021 and Blend 102	10:1	20:1	15:1

Ultraflex® Blend 102 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.

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

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Guidelines for Application

Water Quality:

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

Solution Temperatures:

Cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather. Presoaks based on Ultraflex® Alkaline Bases and Blend 102 work at peak performance when the temperature of solution on the vehicle surface is between 100-120°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

Viscosity – temperature relation.

Viscosity of this product changes with temperature as shown in the chart below (water viscosity at 72°F = 1 centipoises, cp). Significant change in product temperature requires ADJUSTMENT of metering tips or pump setting to keep similar flow of product through metering devices.

Temperature, °F	Viscosity, cp
40	111
50	89
60	72
70	60
80	50
90	43
100	37
110	32