

PDC[®] F-760

VINYL BASED-GLOSS TOP COAT
FOR INDUSTRIAL USE ONLY

DESCRIPTION:

F-760 is a vinyl based clear top coat which is used over F-1085 or F1086 vinyl coatings as a high gloss finish. While remaining soft and flexible, F-760 will also improve tensile strength, abrasion, block and stain resistance.

SPECIFICATIONS:

Solids: (wt.) 3.5%	Coverage: 175 sq.ft. per gallon at 1 mil
Shelf life: 1+ years at 77°F unopened container	
Temperature use range: -30°F to 200°F	
Block resistance: 4hr @ 140°F	Finish: Gloss

CHEMICAL RESISTANCE: In House Test Results [ASTM D-1308]

Mineral oil: Very good	Machine oil: Very good
Saline: Very good	Blood: Very good
Urea (6% in H ₂ O): Very good	All purpose cleaner: Very good
Betadiene (Iodine): *Very good	Acid (10% sulfuric in H ₂ O): Very good
Gasoline: Good	Alcohol: Very good

*stained after 5 minutes.

ALTERNATIVE PRODUCTS:

For satin top coat see F-892 technical data sheet.

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SURFACE PREPARATIONS:**MIX WELL BEFORE USE.**

All surfaces to be coated must be free of any oils, dust or loose foam particles.

USE ADEQUATE VENTILATION.

DIPPING: Make sure coating (F-1085/ F1086) is dry; submerge and remove as done with F-1085/ F-1086 and allow to run off. Air dry until **completely** dry. If faster drying is preferred, allow to air dry 30-60 seconds, then place in mild heat , 95°F-120°F, with mild air movement. Make sure heat source is safe for this use and that you ventilate properly. Drying will typically take 10-15 minutes, air dry 30-45 minutes. Apply 1-2 coats or to desired thickness.

SPRAYING: GENTLY MIX BEFORE SPRAYING.

Pressure pot/conventional sprayers may be used. Apply wet, overlapping coats, holding gun 6"-12" from surface, using 4"-6" pattern. Allow 10-20 minutes minimum dry time before applying additional coats or turning part over. If applying F-760 over F-1085/ F-1086 coated surface, a wet thin coat will be sufficient. To speed drying of F-760, allow to air dry 5 minutes, then place in mild heat, 95°F-120°F, with mild air movement, until **completely** dry. Make sure heat source is safe for this use and that you ventilate properly. Recommended dry film thickness is 1-3 mils.

RECOMMENDED EQUIPMENT AND SETTINGS:

Binks® model 2100 gun	Material: 20psi
Nozzle: 63B	Atomization: 10-25psi
Cap: 63PB	Dilution: As needed
Needle: 363A	Clean up: Methyl Ethyl Ketone, M.I.B.K., Toluene or Xylene.

Industrial/commercial airless equipment may be used. Use as described above.

Tip size: .011-.019

Pressure: As needed

Dilution: Not recommended

HINTS:

Recommended thinners, M.I.B.K or Xylene. Always use proper ventilation and protection. When using a dip tank, always leave at least 6" from fluid surface to tank top to minimize skinning over. Allow overnight drying whenever possible. Avoid excessive air movement, heat or humidity.