

DenLine Protection Plus^(R) & DenLine Protection Plus II

Commercial Laundry Care Instructions

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Source: DenLine Uniforms, Inc. 217-228-9272
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Wash Instructions: Operation	Time	Water Level	Water Temperature	Max Dry Load	Maximum Shrink
1. Flush	3 Min.		Cold	80%	
2. Flush	3 Min.	High	Cold		
3. Break	10 Min. *	Low	160 Degrees F		3%
4. Rinse	3 Min.	High	140 Degrees F		
5. Extract	3 Min. Low Speed**				
6. Rinse	2 Min.	High	120 Degrees F		
7. Rinse	2 Min.	High	100 Degrees F		
8. Rinse	2 Min.	High	Cold		
9. Sour 5 Min.	Low	Cold			
10. Extract	3 Min. Low Speed **				

*Increase Break Time or Incorporate Bleach sufficient to Sanitize Coats. Consult with Chemical Supplier for recommendations.

If Bleach Used, use an Antichlor in Second Rinse and Add Sufficient Rinses to Remove all Chlorine.

Alternative Non-Bleach Formula:

Use Peroxide Chemistry provided by Chemical Supplier

Important Care Instructions

- > **Launder DenLine Protection Plus with Polyesters Only.** Do not overload washer.
- > **PH 9.0 or Less for Maximum Fluid Resistant Life of Coat.** High PH such as used in laundering cotton coats is abrasive to repellent finish after repeated washes and shortens repellent life of coat. Sour to PH 6.0
- > *** Low Speed Extract- Cylinder RPM's not to exceed 50 g force.** RPM/G-Force Calculator available at <http://extractspeedcalculator.denline.com>. Fabric & cuffs retain little moisture. High Speed Extract may damage fabric.
- > **Remove all surfactants (soaps) to maintain repellent properties of fabrics. Fabric softeners are not to be used.** Use no starch.

Steam Tunnel Finish

Steam Tunnel Damp to Dry or Wet To Dry (260 to 290 Degrees F). Set conveyor speed at 1,000 garments per hour. (Note: Fabric and 100% spun woven polyester cuffs require little drying).

Gas or Electric Dryer

Use settings labeled **Perm Press, Easy Care or Wrinkle Free**. Let coats remain in dryer through complete cool down cycle. Removing coats while hot will set wrinkles.

Temperatures not to exceed 160F. Excessive Heat may distort and damage cuffs and fabric. Consult a Service Technician if you are experiencing what appears excessive heat.

If Pressing is desired, use *Polyester Setting Only*. When turning iron on, allow iron to preheat before ironing. A Hot Iron will distort, scorch or melt fabric.

Important Notice: Check Washers and Dryers for Metal Burrs

Metal burrs have potential to snag fabric. To locate burrs, wipe surfaces including welds, drum and inside of door with panty hose.

DenLine Protection Plus® & DenLine Protection Plus® II
Care Instructions for
Home Style and Laundromat Washer & Dryer

About the fabric used in DenLine Protection Plus Lab Coats and Apparel...

DenLine Protection Plus has been specially engineered to protect the wearer from incidental splash of aqueous fluids (i.e., blood, body fluids, bleach, etc.), at the same time providing a high level of air porosity and comfort, stain resistance and long life.

Follow these guidelines for maximum performance and life from your coats...

Launder before wearing to Sanitize Coats: Launder Only, do not dry clean.

#1 Pretreat Spots and Stains Work *Awesome* or *Dawn* Dishwashing Soap into fabric.

#2 Laundry Detergent

Use Extra Power Detergents (not biodegradable)...Tide, All, Cheer. Use Laundry Additives to brighten fabric- i.e., Biz, Clorox II, Vivid.

IMPORTANT: DO NOT USE SOFTENERS

#3 Wash Temperatures & Chemistry to Sanitize Coats:

* Hot Water Wash (160 Degrees F). No Bleach needed.

* Warm Water (<160F) Add **Clorox Regular Bleach² with CLOROMAX** (6% sodium hypochlorite) to wash cycle.

10 Gallon Wash Machine- Add 1/2 Cup Bleach* Wash 10 Minutes

16 Gallon Wash Machine-Add 3/4 Cup Bleach * Wash 10 Minutes

* Source- Clorox Healthcare TM -EPA List of Registered Disinfectant Products

Use Machine Dispenser for injecting chemicals and soap...do not pour bleach directly on coats.

IMPORTANT: DOUBLE RINSE COLD TO REMOVE ALL SOAP AS WELL AS BLEACH IF USED.

IMPORTANT: Do NOT Drip Dry

Do NOT use DRYER SHEETS (Bounce, etc.)

#4- Dryer Temperature Specs

Use settings labeled **Perm Press, Easy Care or Wrinkle Free**. Let coats remain in dryer through complete cool down cycle. Removing coats while hot will set wrinkles.

Temperatures not to exceed 160F. Excessive Heat may distort and damage cuffs and fabric. Consult a Service Technician if you experience what appears excessive heat.

#5 If Pressing is desired, use POLYESTER SETTING Only. When turning iron on, allow iron to preheat before ironing. A Hot Iron will distort, scorch or melt fabric.

To brighten White Cuffs, soak in a 50/50 solution of bleach & water for 20 minutes, squeeze through, rinse thoroughly ..then immediately launder garment. Do not use this process on colored cuffs.

Any Questions? Call DenLine Uniforms at 800-336-5463 or 217-228-9272