

DenLine Protection Plus^(R)
Commercial Laundry Care Instructions

Updated 1-2-22

Source: DenLine Uniforms, Inc. 217-228-9272
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Wash Instructions:		Water	Water	Max Dry	Max
Operation	Time	Level	Temperature	Load	Shrink
1. Flush	3 Min.	High	Cold	80%	3%
2. Flush	3 Min.	High	Cold		
3. Break	10 Min. *	Low	160 F/71C		
4. Rinse	3 Min.	High	140 F/60C		
5. Extract	3 Min. Low Speed**				
6. Rinse	2 Min.	High	120 F/49C		
7. Rinse	2 Min.	High	100 F/38C		
8. Rinse	2 Min.	High	Cold		
9. Sour	5 Min.	Low	Cold		
10. Extract	3-5 Min.	Low Speed **			

*Increase Break Time or Incorporate Bleach sufficient to Sanitize Coats

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

> Always Launder NEW COATS prior to putting into Service

> **Launder DenLine Protection Plus by itself or with Polyesters that have a fluid resistant finish Only.**
Do NOT launder with Cotton Garments. Do not overload washer.

> Chemistry- 8 Oz Non-Ionic Detergent-8 Oz Alkali with Cloud Point above 160F/71C.
pH 9.0 Diluted or Less for Maximum Fluid Resistant Life of Coat. High pH such as used when laundering cotton coats is abrasive to repellent finish and after repeated washes shortens repellent life of coat. Sour to pH 6.0 Diluted (Sour using only Citric Acid)

> ***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.