

Read the [Introduction](#) for more information on these standards, including where to direct comments, questions, and recommendations. As new items are introduced, current items are discontinued, and/or health and safety issues arise, these standards will be revised to provide updated information. Sort by Update Date to view recent changes.

## Packsack – Waterproof, w/Straps

NFES Status

Active

NFES #

000744

Category

Cordura

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

## Initial Inspection/Disposal Criteria

1. Visually inspect fabric for cuts, tears, burns, and areas of abrasions. Inspect seams for breaks in stitching and for areas where the fabric is unraveling into the seams, check all straps and webbing for cuts or excessive wear. Ensure straps are securely attached to the fabric; inspect zippers for broken coils and missing or broken sliders. Ensure they are securely attached to the fabric. Open and close the zippers to ensure a smooth and proper function. Ensure all hardware, buckles and Velcro closures are correctly attached. Inspect all buckles and hardware for cracks or breaks. Fasten and unfasten all buckles and hardware to ensure a smooth and proper function. Ensure all Velcro closures are securely attached.
2. Return to stock if item is clean, free of damage, and in unused condition.
3. Refurbish if item passes inspection, and repair is economically feasible.
4. Dispose of if there's any indelible writing or markings on the item, or if item is beyond economical repair.

## Refurbishment Procedures

### A. Cleaning

- ?CLASS 1 CORDURA (MACHINE WASH OK)
  - Allow any mud or loose dirt to dry then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
  - Remove light oil and dirt stains by brushing with a solution of warm water and a mild detergent, rinse thoroughly, and hang to dry. "Mild detergents" includes most home laundry detergents that contain no chlorine bleach or added scents.
  - For heavier oil or grease, soak in water-soluble biodegradable degreaser for at least 30 minutes, brush with a bristle brush, rinse thoroughly, and hang to dry.

- If machine washing, use only cold water on a gentle cycle and air dry.
- Where no other method is cleaning the fabric, wash with pressure washer set at wide fan, warm water, and only allow nozzle close enough as necessary for cleaning, the further away the better for the fabric.

**DO NOT MACHINE DRY. DO NOT USE BLEACH TO CLEAN FABRIC.**

## **B. Repair**

1. If necessary, replace buckles and hardware.
2. Repair any tears, holes or areas of excessive abrasion if economically feasible.
3. Repair any seams that are worn or that have torn loose.
4. Repair or replace webbing.

## **C. Test for performance**

- Test any buckles, zippers or Velcro that has been replaced for functionality.

## **D. Repackaging**

- For NFES #[000744](#), pack 20 per local cache carton preference.

## **Pack – Personal Gear, M-2014**

NFES Status

Active

NFES #

000679

Category

Cordura

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

## **Initial Inspection/Disposal Criteria**

1. Visually inspect fabric for cuts, tears, burns, and areas of abrasions. Inspect seams for breaks in stitching and for areas where the fabric is unraveling into the seams, check all straps and webbing for cuts or excessive wear. Ensure straps are securely attached to the fabric; inspect zippers for broken coils and missing or broken sliders. Ensure they are securely attached to the fabric. Open and close the zippers to ensure a smooth and proper function. Ensure all hardware, buckles and Velcro closures are correctly

- attached. Inspect all buckles and hardware for cracks or breaks. Fasten and unfasten all buckles and hardware to ensure a smooth and proper function. Ensure all Velcro closures are securely attached.
2. Return to stock if item is clean, free of damage, and in unused condition.
  3. Refurbish if item passes inspection, and repair is economically feasible.
  4. Dispose of if there's any indelible writing or markings on the item, or if item is beyond economical repair.

## Refurbishment Procedures

### A. Cleaning

- CLASS 1 CORDURA (MACHINE WASH OK)
  - Allow any mud or loose dirt to dry then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
  - Remove light oil and dirt stains by brushing with a solution of warm water and a mild detergent, rinse thoroughly, and hang to dry. "Mild detergents" includes most home laundry detergents that contain no chlorine bleach or added scents.
  - For heavier oil or grease, soak in water-soluble biodegradable degreaser for at least 30 minutes, brush with a bristle brush, rinse thoroughly, and hang to dry.
  - If machine washing, use only cold water on a gentle cycle and air dry.
  - Where no other method is cleaning the fabric, wash with pressure washer set at wide fan, warm water, and only allow nozzle close enough as necessary for cleaning, the further away the better for the fabric.

**DO NOT MACHINE DRY. DO NOT USE BLEACH TO CLEAN FABRIC.**

### B. Repair

1. If necessary, replace buckles and hardware.
2. Repair any tears, holes or areas of excessive abrasion if economically feasible.
3. Repair any seams that are worn or that have torn loose.
4. Repair or replace webbing.

### C. Test for performance

- Test any buckles, zippers or Velcro that has been replaced for functionality.

### D. Repackaging

1. For NFES #[000674](#), insert 2 blue canteen case and blue stuff sack into main compartment. Close all buckles, secure the shoulder yoke. Pack 10 packs per box.
2. For NFES #[001855](#), pack 10 packs per NFES #002030 carton (24" x 16" x 12").
3. For NFES #[000744](#), pack 20 per local cache carton preference.

## Pack – Personal Gear

NFES Status

Active

NFES #

001855

Category

Cordura

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

## Initial Inspection/Disposal Criteria

1. Visually inspect fabric for cuts, tears, burns, and areas of abrasions. Inspect seams for breaks in stitching and for areas where the fabric is unraveling into the seams, check all straps and webbing for cuts or excessive wear. Ensure straps are securely attached to the fabric; inspect zippers for broken coils and missing or broken sliders. Ensure they are securely attached to the fabric. Open and close the zippers to ensure a smooth and proper function. Ensure all hardware, buckles and Velcro closures are correctly attached. Inspect all buckles and hardware for cracks or breaks. Fasten and unfasten all buckles and hardware to ensure a smooth and proper function. Ensure all Velcro closures are securely attached.
2. Return to stock if item is clean, free of damage, and in unused condition.
3. Refurbish if item passes inspection, and repair is economically feasible.
4. Dispose of if there's any indelible writing or markings on the item, or if item is beyond economical repair.

## Refurbishment Procedures

### A. Cleaning

- ?CLASS 1 CORDURA (MACHINE WASH OK)
  - Allow any mud or loose dirt to dry then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
  - Remove light oil and dirt stains by brushing with a solution of warm water and a mild detergent, rinse thoroughly, and hang to dry. "Mild detergents" includes most home laundry detergents that contain no chlorine bleach or added scents.
  - For heavier oil or grease, soak in water-soluble biodegradable degreaser for at least 30 minutes, brush with a bristle brush, rinse thoroughly, and hang to dry.
  - If machine washing, use only cold water on a gentle cycle and air dry.
  - Where no other method is cleaning the fabric, wash with pressure washer set at wide fan, warm water, and only allow nozzle close enough as necessary for cleaning, the further away the better for the fabric.

**DO NOT MACHINE DRY. DO NOT USE BLEACH TO CLEAN FABRIC.**

## **B. Repair**

1. If necessary, replace buckles and hardware.
2. Repair any tears, holes or areas of excessive abrasion if economically feasible.
3. Repair any seams that are worn or that have torn loose.
4. Repair or replace webbing.

## **C. Test for performance**

- Test any buckles, zippers or Velcro that has been replaced for functionality.

## **D. Repackaging**

- For NFES #[001855](#), pack 10 packs per NFES #002030 carton (24" x 16" x 12").

## **Pack – Fireline, Complete, Blue (w/canteen case and stuff sack)**

NFES Status

Active

NFES #

000674

Category

Cordura

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

## **Initial Inspection/Disposal Criteria**

1. Visually inspect fabric for cuts, tears, burns, and areas of abrasions. Inspect seams for breaks in stitching and for areas where the fabric is unraveling into the seams, check all straps and webbing for cuts or excessive wear. Ensure straps are securely attached to the fabric; inspect zippers for broken coils and missing or broken sliders. Ensure they are securely attached to the fabric. Open and close the zippers to ensure a smooth and proper function. Ensure all hardware, buckles and Velcro closures are correctly attached. Inspect all buckles and hardware for cracks or breaks. Fasten and unfasten all buckles and hardware to ensure a smooth and proper function. Ensure all Velcro closures are securely attached.
2. Return to stock if item is clean, free of damage, and in unused condition.
3. Refurbish if item passes inspection, and repair is economically feasible.
4. Dispose of if there's any indelible writing or markings on the item, or if item is beyond economical repair.

# Refurbishment Procedures

## A. Cleaning

- CLASS 1 CORDURA (MACHINE WASH OK)
  - Allow any mud or loose dirt to dry then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
  - Remove light oil and dirt stains by brushing with a solution of warm water and a mild detergent, rinse thoroughly, and hang to dry. “Mild detergents” includes most home laundry detergents that contain no chlorine bleach or added scents.
  - For heavier oil or grease, soak in water-soluble biodegradable degreaser for at least 30 minutes, brush with a bristle brush, rinse thoroughly, and hang to dry.
  - If machine washing, use only cold water on a gentle cycle and air dry.
  - Where no other method is cleaning the fabric, wash with pressure washer set at wide fan, warm water, and only allow nozzle close enough as necessary for cleaning, the further away the better for the fabric.

**DO NOT MACHINE DRY. DO NOT USE BLEACH TO CLEAN FABRIC.**

## B. Repair

1. If necessary, replace buckles and hardware.
2. Repair any tears, holes or areas of excessive abrasion if economically feasible.
3. Repair any seams that are worn or that have torn loose.
4. Repair or replace webbing.

## C. Test for performance

- Test any buckles, zippers or Velcro that has been replaced for functionality.

## D. Repackaging

- For NFES #[000674](#), insert 2 blue canteen case and blue stuff sack into main compartment. Close all buckles, secure the shoulder yoke. Pack 10 packs per box.

## Pack – Fireline, Blue

NFES Status

Active

NFES #

000678

Category

Cordura

Updated

## Initial Inspection/Disposal Criteria

1. Visually inspect fabric for cuts, tears, burns, and areas of abrasions. Inspect seams for breaks in stitching and for areas where the fabric is unraveling into the seams, check all straps and webbing for cuts or excessive wear. Ensure straps are securely attached to the fabric; inspect zippers for broken coils and missing or broken sliders. Ensure they are securely attached to the fabric. Open and close the zippers to ensure a smooth and proper function. Ensure all hardware, buckles and Velcro closures are correctly attached. Inspect all buckles and hardware for cracks or breaks. Fasten and unfasten all buckles and hardware to ensure a smooth and proper function. Ensure all Velcro closures are securely attached.
2. Return to stock if item is clean, free of damage, and in unused condition.
3. Refurbish if item passes inspection, and repair is economically feasible.
4. Dispose of if there's any indelible writing or markings on the item, or if item is beyond economical repair.

## Refurbishment Procedures

### A. Cleaning

- ?CLASS 1 CORDURA (MACHINE WASH OK)
  - Allow any mud or loose dirt to dry then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
  - Remove light oil and dirt stains by brushing with a solution of warm water and a mild detergent, rinse thoroughly, and hang to dry. "Mild detergents" includes most home laundry detergents that contain no chlorine bleach or added scents.
  - For heavier oil or grease, soak in water-soluble biodegradable degreaser for at least 30 minutes, brush with a bristle brush, rinse thoroughly, and hang to dry.
  - If machine washing, use only cold water on a gentle cycle and air dry.
  - Where no other method is cleaning the fabric, wash with pressure washer set at wide fan, warm water, and only allow nozzle close enough as necessary for cleaning, the further away the better for the fabric.

**DO NOT MACHINE DRY. DO NOT USE BLEACH TO CLEAN FABRIC.**

### B. Repair

1. If necessary, replace buckles and hardware.
2. Repair any tears, holes or areas of excessive abrasion if economically feasible.
3. Repair any seams that are worn or that have torn loose.
4. Repair or replace webbing.

### C. Test for performance

- Test any buckles, zippers or Velcro that has been replaced for functionality.

## D. Repackaging

1. For NFES #000674, insert 2 blue canteen case and blue stuff sack into main compartment. Close all buckles, secure the shoulder yoke. Pack 10 packs per box.
2. For NFES #001855, pack 10 packs per NFES #002030 carton (24" x 16" x 12").
3. For NFES #000744, pack 20 per local cache carton preference.

## Chaps – Protective, Summer Weight 40" Long

NFES Status

Active

NFES #

000150

Category

Cordura

Updated

Sun, 05/01/2022 - 12:00

Storage and Shelf Life Checks

None

## Initial Inspection/Disposal Criteria

1. Inspect fabric and webbing for any holes, cuts, tears, or burns. Tears less than ½ inch can be repaired. Tears or cuts longer than ½" render the item unserviceable.
2. Inspect for any area of abrasion that has weakened fabric beyond repair.
3. Inspect for any webbing that is cut, burned, or abraded beyond economical repair.
4. Inspect each leg. If either leg has more than five patches, remove from service.
5. Chaps should be removed from service if not labeled with specification USFS 6170-4F, 4G, or 4H or are not certified to NFPA 1977-05.
6. Inspect all molded nylon hardware for dirt, cracks, breaks, and proper function.
7. Return to stock if item does not show any signs of use and passes visual inspection.
8. Refurbish if the item needs to be cleaned and/or damage can be repaired economically.
9. Dispose of item if it fails initial inspection.
10. Dispose of item if wood chips and sawdust are evident inside the layers at the bottom of the chaps.
11. Dispose of item if the first layer of yellow Kevlar has a cut that is more than 1 inch long.
12. Dispose of item if improper repairs have been made, such as patch jobs that stitched through the Kevlar.

## Refurbishing Procedures

### A. Cleaning

1. Allow any mud or loose dirt to dry and then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
2. Remove light oil and dirt stains by brushing with a Citrosqueeze® solution, brush with a bristle brush, rinse thoroughly and hang to dry.
3. For heavier oil or grease soak in a Citrosqueeze® solution for at least 4 hours, brush with a bristle brush, rinse thoroughly and hang to dry.

**DO NOT MACHINE WASH OR DRY.**

**DO NOT USE BLEACH TO CLEAN FABRIC.**

**DO NOT PRESSURE WASH.**

## **B. Repair**

1. Repair burn holes and cuts.
2. Use Seam Grip® to repair holes or cuts in the nylon shell.
3. To repair holes less than ½ inch in length, apply a dot of Seam Grip® over the hole and allow the Seam Grip® to dry.
4. Allow chaps to dry for at least 12 hours before using.
5. Replace burned, abraded, or cut nylon webbing with like items.
6. Replace broken or nonfunctioning hardware.

## **C. Testing for Performance**

- Retest all replaced hardware. The hardware should function easily with little force being applied and no difficulty in the release.

## **D. Repackaging**

- Pack 10 each in NFES #002007 carton (24" x 16" x 16").

## **Chaps – Protective, Summer Weight 36" Long**

NFES Status

Active

NFES #

000078

Category

Cordura

Updated

Sun, 05/01/2022 - 12:00

Storage and Shelf Life Checks

None

# Initial Inspection/Disposal Criteria

1. Inspect fabric and webbing for any holes, cuts, tears, or burns. Tears less than ½ inch can be repaired. Tears or cuts longer than ½” render the item unserviceable.
2. Inspect for any area of abrasion that has weakened fabric beyond repair.
3. Inspect for any webbing that is cut, burned, or abraded beyond economical repair.
4. Inspect each leg. If either leg has more than five patches, remove from service.
5. Chaps should be removed from service if not labeled with specification USFS 6170-4F, 4G, or 4H or are not certified to NFPA 1977?05.
6. Inspect all molded nylon hardware for dirt, cracks, breaks, and proper function.
7. Return to stock if item does not show any signs of use and passes visual inspection.
8. Refurbish if the item needs to be cleaned and/or damage can be repaired economically.
9. Dispose of item if it fails initial inspection.
10. Dispose of item if wood chips and sawdust are evident inside the layers at the bottom of the chaps.
11. Dispose of item if the first layer of yellow Kevlar has a cut that is more than 1 inch long.
12. Dispose of item if improper repairs have been made, such as patch jobs that stitched through the Kevlar.

## Refurbishing Procedures

### A. Cleaning

1. Allow any mud or loose dirt to dry and then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
2. Remove light oil and dirt stains by brushing with a Citrosqueeze® solution, brush with a bristle brush, rinse thoroughly and hang to dry.
3. For heavier oil or grease soak in a Citrosqueeze® solution for at least 4 hours, brush with a bristle brush, rinse thoroughly and hang to dry.

**DO NOT MACHINE WASH OR DRY.**

**DO NOT USE BLEACH TO CLEAN FABRIC.**

**DO NOT PRESSURE WASH.**

### B. Repair

1. Repair burn holes and cuts.
2. Use Seam Grip® to repair holes or cuts in the nylon shell.
3. To repair holes less than ½ inch in length, apply a dot of Seam Grip® over the hole and allow the Seam Grip® to dry.
4. Allow chaps to dry for at least 12 hours before using.
5. Replace burned, abraded, or cut nylon webbing with like items.
6. Replace broken or nonfunctioning hardware.

## C. Testing for Performance

- Retest all replaced hardware. The hardware should function easily with little force being applied and no difficulty in the release.

## D. Repackaging

- Pack 10 each in NFES #002007 carton (24" x 16" x 16").

## Chaps – Protective, Summer Weight 32" Long

NFES Status

Active

NFES #

000045

Category

Cordura

Updated

Sun, 05/01/2022 - 12:00

Storage and Shelf Life Checks

None

## Initial Inspection/Disposal Criteria

1. Inspect fabric and webbing for any holes, cuts, tears, or burns. Tears less than ½ inch can be repaired. Tears or cuts longer than ½" render the item unserviceable.
2. Inspect for any area of abrasion that has weakened fabric beyond repair.
3. Inspect for any webbing that is cut, burned, or abraded beyond economical repair.
4. Inspect each leg. If either leg has more than five patches, remove from service.
5. Chaps should be removed from service if not labeled with specification USFS 6170-4F, 4G, or 4H or are not certified to NFPA 1977-05.
6. Inspect all molded nylon hardware for dirt, cracks, breaks, and proper function.
7. Return to stock if item does not show any signs of use and passes visual inspection.
8. Refurbish if the item needs to be cleaned and/or damage can be repaired economically.
9. Dispose of item if it fails initial inspection.
10. Dispose of item if wood chips and sawdust are evident inside the layers at the bottom of the chaps.
11. Dispose of item if the first layer of yellow Kevlar has a cut that is more than 1 inch long.
12. Dispose of item if improper repairs have been made, such as patch jobs that stitched through the Kevlar.

## Refurbishing Procedures

### A. Cleaning

1. Allow any mud or loose dirt to dry and then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
2. Remove light oil and dirt stains by brushing with a Citrosqueeze® solution, brush with a bristle brush, rinse thoroughly and hang to dry.
3. For heavier oil or grease soak in a Citrosqueeze® solution for at least 4 hours, brush with a bristle brush, rinse thoroughly and hang to dry.

**DO NOT MACHINE WASH OR DRY.**

**DO NOT USE BLEACH TO CLEAN FABRIC.**

**DO NOT PRESSURE WASH.**

## **B. Repair**

1. Repair burn holes and cuts.
2. Use Seam Grip® to repair holes or cuts in the nylon shell.
3. To repair holes less than ½ inch in length, apply a dot of Seam Grip® over the hole and allow the Seam Grip® to dry.
4. Allow chaps to dry for at least 12 hours before using.
5. Replace burned, abraded, or cut nylon webbing with like items.
6. Replace broken or nonfunctioning hardware.

## **C. Testing for Performance**

- Retest all replaced hardware. The hardware should function easily with little force being applied and no difficulty in the release.

## **D. Repackaging**

- Pack 10 each in NFES #002007 carton (24" x 16" x 16").

## **Chaps – Protective, Summer Weight**

NFES Status

Active

NFES #

000044

Category

Cordura

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

# Initial Inspection/Disposal Criteria

1. Inspect fabric and webbing for any holes, cuts, tears, or burns. Tears less than ½ inch can be repaired. Tears or cuts longer than ½” render the item unserviceable.
2. Inspect for any area of abrasion that has weakened fabric beyond repair.
3. Inspect for any webbing that is cut, burned, or abraded beyond economical repair.
4. Inspect each leg, if either leg has more than five patches.
5. Chaps should be removed from service if not labeled with specification USFS 6170-4F or are not certified to NFPA 1977-05.
6. Inspect all molded nylon hardware for dirt, cracks, breaks, and proper function.
7. Return to stock if item does not show any signs of use and passes visual inspection.
8. Refurbish if the item needs to be cleaned and/or damage can be repaired economically.
9. Dispose of item if it fails initial inspection.
10. Dispose of item if wood chips and sawdust are evident inside the layers at the bottom of the chaps.
11. Dispose of item if the first layer of yellow Kevlar has a cut that is more than 1 inch long.
12. Dispose of item if improper repairs have been made, such as patch jobs that stitched through the Kevlar.

## Refurbishing Procedures

### A. Cleaning

1. Allow any mud or loose dirt to dry and then remove using a stiff-bristle brush. If stains remain, wash as recommended below.
2. Remove light oil and dirt stains by brushing with a Citrosqueeze® solution, brush with a bristle brush, rinse thoroughly and hang to dry.
3. For heavier oil or grease soak in a Citrosqueeze® solution for at least 4 hours, brush with a bristle brush, rinse thoroughly and hang to dry

**DO NOT MACHINE WASH OR DRY.**

**DO NOT USE BLEACH TO CLEAN FABRIC.**

**DO NOT PRESSURE WASH.**

### B. Repair

1. Repair burn holes and cuts.
2. Use Seam Grip® to repair holes or cuts in the nylon shell.
3. To repair holes less than ½ inch in length, apply a dot of Seam Grip® over the hole and allow the Seam Grip® to dry.
4. Allow chaps to dry for at least 12 hours before using
5. Replace burned, abraded, or cut nylon webbing with like items.
6. Replace broken or nonfunctioning hardware.

## **C. Testing for Performance**

- Retest all replaced hardware. The hardware should function easily with little force being applied and no difficulty in the release.

## **D. Repackaging**

- Pack 10 each in NFES #002007 carton (24" x 16" x 16").