



PALLAS

MAINTENANCE & CLEANING

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UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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UPHOLSTERY

V	W	Clean only with water-based shampoo or foam upholstery cleaner. Do not over wet. Do not use dry cleaning solvents to spot clean. Pile fabrics may require brushing to restore appearance. Cushion covers should not be removed and laundered.
	S	Clean only with dry cleaning solvent. Do not saturate. Do not use water. Pile fabrics may require brushing to restore appearance. Cushion covers should not be removed and dry cleaned.
	WS	Clean with mild detergent or shampoo, foam or dry cleaning solvent as desired. Do not saturate with liquid. Pile fabrics may require brushing to restore appearance. Cushion covers should not be removed and dry cleaned or laundered.
	X	Do not clean with either water or solvent-based cleaner. Use vacuuming or light brushing only.

Water based cleaning agents* are often classified as upholstery shampoo. They are usually commercially available as foams, concentrates and dry components.

Cleaning can be either wet or dry, though some suggest a third category, damp.

Wet cleaning equipment using water is classified into two broad types:
Rotary or hand-applied shampoo
Water extraction (sometimes inaccurately referred to as a steam cleaning)

Two of the damp processes with water are:
Dry foam
Rotary mop (bonnet)

Dry systems use a granule or powder that incorporates a cleaning solvent or a non-water chemical solvent, which allows soil to be removed by subsequent vacuuming.

Pre-test your cleaning method on an inconspicuous area of the fabric to determine if color bleeds, shrinks the fabric texture or alters the character. If there is any doubt, seek the assistance of a professional cleaning service.

* Examples include *Glamorene, Glory, Blue Lustre and Woolite*.

UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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YARNS

BELLA DURA

Bella-Dura fabrics are inherently stain resistant, so a mild soap and water solution is all that is needed to remove most stains. Any cleaning product that can be used on indoor/outdoor fabrics is safe to use on Bella-Dura® as well as bleach for tough stains. Always rinse with clean water and allow to air dry. Take care when mixing cleaners with bleach and work in a well ventilated area. Bella-Dura® fabrics are woven with fibers that dry easily; Bella-Dura® fabrics should always be air-dried and never tumble-dried.

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PILE/CHENILLE

Regular care (weekly)

- Vacuum regularly using low suction
- Rotate reversible cushions regularly
- Protect from direct sunlight

Pilling can occur occasionally as a result of normal daily wear and should not be considered as a fault. Fibre pills can be removed by a battery operated pilling tool available from most haberdashery stores.

UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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POLYURETHANE

Regular Cleaning and Maintenance (Dirt, Dust, Grime): Clean the soiled area with mild soap and water, then immediately rinse the surface with fresh water and wipe dry with a clean cloth.

Food Stains/Oils (Ketchup, Chocolate, Coffee, Tea, Juice): Wipe affected area with a soft cloth or sponge, then follow the regular cleaning and maintenance above.

Healthcare Disinfecting: Clean the area with the CDC-approved 10:1 water and household bleach mixture. Then, immediately rinse the disinfected area with fresh water and wipe dry with a clean cloth.

Healthcare Stains (Blood, Urine, Betadine, Disinfectant): Clean the soiled area with a 20% (5:1) solution of water and household bleach. Then, immediately rinse the cleaned area with fresh water and wipe dry with a clean cloth.

Healthcare Wipes: Juggernaut, Nappa and Stipple are all approved for all healthcare wipes. Water rinse is still mandated for the patient's well-being as well as the longevity of the furniture. Juggernaut is also resistant to quaternary, phenol and ammonia-based chemical cleaners; extensive internal testing shows that Juggernaut stands up to many of these common cleaners and disinfectants.

Difficult Stains (Eye Shadow/Mascara, Lipstick, Crayon, Grease, Mustard):

Option 1: Clean the soiled area with a 20% (5:1) solution of water and household bleach. Then, immediately rinse the cleaned area with fresh water and wipe dry with a clean cloth.

Option 2: Clean the soiled area with a 50% solution of isopropyl alcohol (rubbing alcohol). Then, immediately rinse the cleaned area with fresh water and wipe dry with a clean cloth.

Ink Stains (Ballpoint Pen, Permanent Marker, Paint): Rub the marked area with undiluted isopropyl alcohol (rubbing alcohol). Then, immediately rinse the cleaned area with fresh water promptly after applying the alcohol. NOTE: It is not guaranteed that ink stains can be removed. To achieve best results, it is recommended to clean the stain immediately.

NOTE: If water or cleaning agent is left to sit on this material, it may leave a white residue/stain. It is important to rinse and wipe the material dry immediately after cleaning.

To achieve the best results in all cases, it is recommended that the stain be cleaned immediately.

The information in this polyurethane cleaning guide refers to performance in specific tests under laboratory conditions. This information is not a guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and referenced cleaning agents.

UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

VINYL VS. POLYURETHANE

	VINYL (POLYVINYL CHLORIDE)	POLYURETHANE
CONTENT	Synthetic Plastic Polymer	PVC-free, more environmentally friendly
MARKET	Commonly used across multiple market applications; healthcare is primary marketplace for vinyl due to cleaning requirements*	Commonly used across multiple market applications
WEIGHT	28-30 oz./linear yard	14-20 oz./linear yard
PLIABILITY	Stiffer hand	Softer and more supple hand
UPHOLSTERABILITY	Minimal stretch creates greater difficulty with the upholstery process	Higher degree of stretch and recovery allows for a greater range of upholstery application
RESISTANCE	Inherent stain and moisture resistance	Inherent stain and moisture resistance
HYDROLYSIS (process in which humidity and heat deteriorate the cell structure of the material, resulting in a flaky or brittle surface)	Resistant – vinyl cannot hydrolysize	Accelerated hydrolysis process when subjected to ongoing use of hard surface cleaners

*All materials, if exposed to hard surface cleaners, will break down at a more accelerated rate than if maintained using the proper cleaning instructions. If healthcare institutions regularly use hard surface cleaners, it's recommended to select a vinyl material based on a historical understanding that vinyl does not break down at the same rate as a polyurethane material. The textile industry continues to recommend the following general cleaning guidelines:

- General Cleaning
 - Water Wipe
 - Soap & Water with Rinse
- Disinfecting
 - 10:1 Water/Bleach Mix with a Clean Water Rinse (Recommended by the CDC)

UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

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CUBICLES

Regular Maintenance: Machine wash with mild soap or detergent, on a synthetic setting with high water levels and mild agitation, temperature should not exceed 160°F. Do not use bleach or fabric softener. Wash with like materials. Extract gently.

Air, Cabinet, or tumble dry on a synthetic cycle at a low temperature. Do not exceed 140°F for more than 3-5 minutes. Hang or fold immediately after drying.

If necessary, press as follows: Hand Iron: Iron at low setting (275°F) with a damp press cloth or steam iron with a dry press cloth. Grid Head Press: Press for short intervals and with minimum steam. Do not lock head. Flat Bed Press: Press dampened drapery using a cloth covering.

Avoid prolonged contact with heat.

Healthcare facilities should follow safety protocols for biological hazards and/or anti-viral treatments during the cleaning process.

UPHOLSTERY MAINTENANCE AND CLEANING INFORMATION

FINISH-SPECIFIC CLEANING

CRYPTONS

To safely clean Crypton fabric, follow the manufacturer’s recommended instructions. As with all cleaners, the fabric must be rinsed thoroughly.

For some specific healthcare concerns, such as C Difficile, a spore that requires bleach cleaning, the CDC (Center for Disease Control) instructions require a 10 percent bleach, 90 percent water mixture to effectively kill the growth. Any 100% polyester Crypton will safely withstand such cleaning, and there will not be any color loss after allowing the mixture to remain on the surface for the required 10-minute dwell time. Simply rinse the solution after cleaning using standard extraction equipment. Bleach cleaning, or bleach accidents will never affect the Crypton barrier, but some fibers that are cellulosic like rayon can encounter color loss quickly when they come into contact with bleach. <http://www.cryptoncare.com/bleachcleanable>.

PINNACLE

For ordinary dirt and spills, clean by blotting spills up using a clean cotton cloth. For heavier stains, the standard cleaning protocol should be applied using water or light solvents such as soap, taking extra care to make sure the solvent is removed from the textile.

RESILIENCE

Resilience^{SR} represents the latest technology in faux leather and vinyl protection, enhancing performance where it is needed the most.

Prompt cleaning is always recommended. Recommended cleaning steps are listed by type of stain. For best results, follow cleaning steps in order.

Recommended Care and Cleaning Steps

- Step 1: Mild soap and water, then rinse with fresh water and wipe dry with a clean cloth.
- Step 2: Wipe affected area with a soft cloth or soft bristle brush then continue with step 1.
- Step 3: 10% solution of household bleach and water. Rinse with fresh water and wipe dry.
- Step 4: 25% solution of alcohol and water. Rinse with fresh water and wipe dry.
- Step 5: 25% solution of lighter fluid or nail polish remover and water. Rinse with fresh water and wipe dry.

REGULAR CLEANING AND MAINTENANCE: STEP 1 Dirt Grime Dust	HEALTHCARE: STEPS 1, 2 AND 3 Betadine Urine Blood
OILS (ORGANIC & PETROLEUM BASED): STEPS 1 AND 2 Chocolate Ketchup Coffee Tea Juice	DIFFICULT STAINS: STEPS 1, 2, 3, 4 AND 5 Crayon Lipstick Eye Shadow/Mascara Mustard Grease Pain Ink/Permanent Marker

Note: The use of commercial vinyl conditioners and protectants is NOT RECOMMENDED.
The information in this cleaning guide refers to performance of ResilienceSM in tests conducted under laboratory conditions. This information does not imply a specific guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and referenced cleaning agents.

STA-KLEEN

DAY-TO-DAY CLEANING: Remove ordinary dirt and smudges with mild soap and water. Dry with a soft, lint-free cloth or towel. The use of conditioners or protectants is not required, nor recommended, for use on Sta-Kleen upholstery -- its cleanability is permanent and won't wear out.

DISINFECTING: A 5:1 ratio of water to bleach solution may be used as a disinfectant. Rinse the surface with clean water after disinfecting. Dry with a soft, lint-free cloth or towel.

STAIN REMOVAL: Upholstery protected with Sta-Kleen is resistant to most common stains. To keep your furniture looking new, stains such as ballpoint pen can be dry-erased with a clean, lint-free cloth. Gently rub the area until the stain has been removed. Wet or gooey stains such as food stains (e.g., ketchup) or topical stains (e.g., antiseptics, lotions and creams) should first be wiped off with a clean cloth or sponge, then follow the instructions above.

STUBBORN STAINS: If a ghost stain remains, apply a small amount of household rubbing alcohol (91% isopropyl alcohol) to a clean, lint-free cloth and rub the stain until it has been removed. Rinse with a clean, damp cloth and go!

CHEMICAL CLEANERS: High-performance construction creates significantly greater resistance to chemical cleaners, hence is approved for all common healthcare wipes. It is imperative that when these chemical cleaners are used that they are rinsed off with a wet sponge or damp cloth.

UPHOLSTERY CLEANING CODES (BY PATTERN)

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UPHOLSTERY	CLEANING CODE	UPHOLSTERY	CLEANING CODE	UPHOLSTERY	CLEANING CODE
ABSTRACT CHEVRON	WS	GLAM	WS	PETALS	S
ADELE	WS	GLITZ	WS	PHENOMENA	S
ALEA	WS	GRAPH	WS	POINT	WS
ALGORITHM	WS	GRID	WS	POLKA DOTTY	WS
ALLURE	S	GRILL CLOTH	WS	POPCORN	WS
AMARI	W	GRILLE	S	POSH	WS
APHRODITE	WS	GROOVE	WS	PROMENADE	W
ARJUNA	WS	GROUND BREAKING	WS	RAVENNA	WS
ARTEMIS	WS	H2O	S	REEL TO REEL	WS
ASHA	W	HALFTONE	WS	REFLECTION	WS
ASYMMETRIC	S	HAND-WOVEN	WS	REVERB	WS
ATHALIE	WS	HARMONY	S	ROGUE	WS
AURORA	W	HAVEN	WS	ROOFTOPS	WS
AWE	S	HEARTH	WS	ROUND	WS
AXIS	WS	HERITAGE	WS	RUNNING STITCH	W
BASALTES	WS	HIGHWAY PATROL	S	SANDSTONE	WS
BEDFORD	S	HITCH	WS	SEEKING TRUTH	WS
BEVEL	S	HOLY COW	W	SHEEPISH	S
BONNAROO	W	HOLY COW TOO	W	SHERLOCK	S
BOULEVARD	WS	HYPERION	WS	SOLID FOOTING	WS
BOUNCE	WS	ICON	WS	SPONTANEOUS	WS
BUSY BEE	WS	INFINITE HELIX	W	SPOT ON	WS
CARMIN	WS	INLAY	S	SPUN	WS
CHAKRA	W	JAUNT	W	STAMPED OUT	WS
CHIC	WS	JET SET	WS	STEREO STRIPE	WS
CHITRA	S	JUGGERNAUT	WS	STIPPLE	WS
CHROMA	W	KWAART	W	SUJI STRIPE	WS
COCO	S	LACED UP	S	SURFACE	WS
COMPOSITION	S	LATTICE	S	TABOO	S
CONSTRUCT	S	LE FLEUR	W	TARTAN	WS
CURVE	S	LINE	WS	TATAMI	S
CYBELE	WS	LOUVER	S	TECH	W
DECKED OUT	WS	MAJOLICA	W	TERRA	WS
DEEPLY ROOTED	WS	MARBLES	WS	TESSELLATION	WS
DEFLECT	WS	MARRAKESH EXPRESS	S	THE BURBS	WS
DÉJÀ VU	WS	MELODY MAKER	WS	THREADS	WS
DEMETER	WS	MERGE	S	TRANSLATION	WS
DONEGAL PLAIN	S	MILANO	WS	TREK	WS
DOT DOT DOT	WS	MIX	S	TRELLIS	W
DRIFT	WS	MOD	WS	TULIPS	W
ETCH	WS	MODERN BLAZE	WS	TURTLE NECK	WS
ETHOS	WS	MOSAIC	WS	TWINE	WS
FLAME	S	NAPPA	WS	UNRAVELED	WS
FLEXING MUSCLES	WS	NEO	S	UNSPUN	W
FORMULA	W	NIGHT CAP	WS	URBANIZED	WS
FORTUNE TELLER	S	NOMAD	WS	UTOPIA	S
FRACTURE	W	OFF TRACK	W	VERTICES	WS
FRENCH CREPE	WS	ON THE FRINGE	W	VESPA	S
FRIENDSHIP BRACELET	WS	OOH LA LANA	WS	WANDER	WS
FRIEZE	WS	PAINTED STRIPE	WS	WEST BENGAL	S
FUSE	WS	PATAGONIA	S	WHIM	WS
GATHER	WS	PATINA	W	WONDER WHEEL	S
GENE POOL	S	PERCEPTION	S	WORK HORSE	WS

UPHOLSTERY CLEANING CODES (BY CODE)

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UPHOLSTERY	'S' CLEANING CODE	UPHOLSTERY	'W' CLEANING CODE	UPHOLSTERY	'WS' CLEANING CODE
ALLURE	S	KWAART	W	HEARTH	WS
ASYMMETRIC	S	LE FLEUR	W	HERITAGE	WS
AWE	S	MAJOLICA	W	HITCH	WS
BEDFORD	S	OFF TRACK	W	HYPERION	WS
BEVEL	S	ON THE FRINGE	W	ICON	WS
CHITRA	S	PATINA	W	LINE	WS
COCO	S	PROMENADE	W	JET SET	WS
COMPOSITION	S	REGALIA	W	JUGGERNAUT	WS
CONSTRUCT	S	RUNNING STITCH	W	MARBLES	WS
CURVE	S	TECH	W	MELODY MAKER	WS
DONEGAL PLAIN	S	TULIPS	W	MILANO	WS
FLAME	S	UNSPUN	W	MOD	WS
FORTUNE TELLER	S			MODERN BLAZE	WS
GENE POOL	S	UPHOLSTERY	'WS' CLEANING CODE	MOSAIC	WS
GRILLE	S	ABSTRACT CHEVRON	WS	NAPPA	WS
H2O	S	ADELE	WS	NIGHT CAP	WS
HARMONY	S	ALEA	WS	NOMAD	WS
HIGHWAY PATROL	S	ALGORITHM	WS	PAINTED STRIPE	WS
INLAY	S	APHRODITE	WS	POINT	WS
LACED UP	S	ARJUNA	WS	POLKA DOTTY	WS
LATTICE	S	ARTEMIS	WS	POPCORN	WS
LOUVER	S	ATHALIE	WS	POSH	WS
MARRAKESH EXPRESS	S	AXIS	WS	RAVENNA	WS
MERGE	S	BASALTES	WS	REEL TO REEL	WS
MIX	S	BOULEVARD	WS	REFLECTION	WS
OOH LA LANA	S	BOUNCE	WS	REVERB	WS
PATAGONIA	S	BUSY BEE	WS	ROGUE	WS
PERCEPTION	S	CARMIN	WS	ROOFTOPS	WS
PETALS	S	CHIC	WS	ROUND	WS
PHENOMENA	S	CYBELE	WS	SANDSTONE	WS
SHEEPISH	S	DECKED OUT	WS	SEEKING TRUTH	WS
SHERLOCK	S	DEEPLY ROOTED	WS	SOLID FOOTING	WS
TATAMI	S	DEFLECT	WS	SPONTANEOUS	WS
TABOO	S	DÉJÀ VU	WS	SPOT ON	WS
TRELLIS	S	DEMETER	WS	SPUN	WS
UTOPIA	S	DOT DOT DOT	WS	STAMPED OUT	WS
VESPA	S	DRIFT	WS	STEREO STRIPE	WS
WEST BENGAL	S	ETCH	WS	STIPPLE	WS
WONDER WHEEL	S	ETHOS	WS	SUJI STRIPE	WS
		FLEXING MUSCLES	WS	SURFACE	WS
UPHOLSTERY	'W' CLEANING CODE	FRENCH CREPE	WS	TARTAN	WS
AMARI	W	FRIENDSHIP BRACELET	WS	TERRA	WS
ASHA	W	FRIEZE	WS	TESSELLATION	WS
AURORA	W	FUSE	WS	THE BURBS	WS
BONNAROO	W	GATHER	WS	THREADS	WS
CHAKRA	W	GLAM	WS	TRANSLATION	WS
CHROMA	W	GLITZ	WS	TREK	WS
FORMULA	W	GRAPH	WS	TURTLE NECK	WS
FRACTURE	W	GRID	WS	TWINE	WS
GRASMERE	W	GRILL CLOTH	WS	UNRAVELED	WS
HOLY COW	W	GROOVE	WS	URBANIZED	WS
HOLY COW TOO	W	GROUND BREAKING	WS	VERTICES	WS
INFINITE HELIX	W	HALFTONE	WS	WANDER	WS
JAUNT	W	HAND-WOVEN	WS	WHIM	WS
		HAVEN	WS	WORK HORSE	WS



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