

Avery Dennison Instructional Bulletin 1.02

Storage, Maintenance and Cleaning of PVC

Storage and Maintenance

Unapplied markings need to be stored in a controlled environment $22^{\circ} \pm 3^{\circ}\text{C}$ and $50 \pm 5\%$ RH and free from excessive airborne dust and direct sunlight. The PSA material and/or decal needs to be applied within the shelf life specified for the particular product being used. Rolls in the shipping carton should be stored horizontally; rolls that have been removed from the shipping carton should be suspended horizontally via a rod or pipe through the roll core.

Cleaning

The cleaning solution should be a pH range of 3 to 11 (within mild acid or mild alkaline limits). The cleaning solution should be non-abrasive and free of strong solvents.

When using high-pressure equipment, a pressure of 1200 psi (80 bars or 84 kg/cm^2) and a water temperature of 50°C should not be exceeded. In order to reduce the risk of decal edge lift, a minimum distance of 30cm should be maintained from the nozzle to the film surface. In addition, the dispenser nozzle should be as perpendicular to the film surface as possible (increased angles of the water jet promote decal edge lift).

Spray or wipe (with a soft brush, rag or sponge) the cleaning solution over the entire surface of the film to be cleaned (avoid abrading the film surface with unnecessary scrubbing); thoroughly agitate and mix the cleaning solution into the dirt on the film's surface; rinse the entire surface with clean water and let air dry or dab dry being careful not to lift film edges.

For further information on cleaning and maintenance of vehicle wraps or graphics please see Instructional Bulletin 1.8, or contact your local Avery Dennison representative.