



Handling, controlling, and disposing of radioactive or contaminated material in a safe manner requires proper technique and supplies. Lancs provides a range of plastic products that are made from materials that meet stringent quality control criteria and rigorous performance requirements.

Bags: All bags are not alike. Customized bag dimensions and material will often enable a job to be accomplished more quickly and effectively than trying to adapt an off-the-shelf bag to your project's unique needs. Lancs' flexible fabrication processes allow us to provide bags of virtually any dimension required. We can also include flaps, snaps, grommets, bungee cord, O-rings, track zip lock, Velcro, handles, pockets (signage) or printing as needed for each bag. Additionally, Lancs now manufactures our own line of HEPA filters which can be incorporated into your bag to help minimize hazardous waste volume.

Sleeving: Widely used in the handling of contaminated items, sleeving is a staple ALARA tool. Proper use of sleeving facilitates the transfer of objects between containments, protecting tools from contamination, or packaging items for disposal. Lancs provides sleeving with a heat-sealed lap seam or as seamless tubing. Sleeving is provided in rolls, with 100 feet as the standard length per roll. We make rolls to your specified length as well. Sleeving can also be provided with an embedded lanyard to facilitate insertion of cords or hoses into the sleeving and to make removal of sleeving easier.

Roll Goods: We can provide large quantities of film or sheet for any of the materials we stock. PVC, PU, Laminated Material, Reinforced PE, or other woven fabrics can all be shipped directly to you for your own fabrication efforts or containment projects.

Equipment Covers: Lancs has manufactured a variety of different equipment covers and containments including drum liners/covers, RO 20 covers, Probe Pusher tents, Control Rod Drive bags, and PZR Heater sleeves.

Catch Containments: To capture drips or leaks under pipes, valves and other components, Catch Containments (also called Drip Bags, Drip Pockets and Drip Funnels) help prevent the spread of contamination.

Plastics

All of these products can be ordered in a variety of materials and virtually limitless sizes.

MATERIAL TYPES

Materials listed below are available from Lancs in a wide range of thicknesses, finishes, and colors. We can discuss with you the nature of your project requirements to determine the best mix of material attributes that will meet your needs.

Polyvinyl Chloride (PVC): PVC exhibits excellent flexibility and strength.

Polyurethane (PU): PU exhibits superior toughness and durability. It is available as Polyether Polyurethane, conforming to material specification SS-507, or as Polyester Polyurethane. Since PU does not contain Chlorides, it is safe to incinerate for disposal.

Polyethelene (PE): PE offers outstanding water and chemical resistance at an economical cost. It does not contain Chlorides and is safe to incinerate for disposal. Lancs also provides Reinforced PE material. This is PE sheeting with embedded nylon braiding for added strength.

Laminated/Coated: Laminated material is comprised of a base cloth with a woven or knit open mesh made from either nylon or polyester which is bonded between two layers of vinyl film (PVC). Laminated material can also be made with Polyurethane instead of PVC. Unlike unsupported films, laminated material is measured by weight (ounces per square yard) rather than thickness. Lancs offers it in a wide range of weights and colors, with all material being opaque.

Pacifitex: Lancs supplies a branded line of vinyl/nylon laminated fabrics under the name PACIFITEX. PACIFITEX is manufactured with fire retardant additives to comply with NFPA 701. It will not support combustion. PACIFITEX is certified to be free of leachable chlorides and other halides and is compatible for use with all types of stainless steel. PACIFITEX is certified to be free of sulfur and mercury compounds.

For more information about our plastics products contact your Lancs sales representative at 505.738.7200.

