

Enviromec

Technical Information of Materials Used

PVC (Polyvinyl chloride)

PVC is a relatively economically priced material, it is easier to work with, it has high resistance to UV and can be made flame retardant. Generally PVC can be used for traditional diluted detergents used in vehicle washing. Only in higher concentrations PVC is not specifically resistant to oils, petrol, chemicals, acids etc.

TPU (Thermoplastic Polyurethane)

TPU has a much higher abrasion resistance and has much better resistant to aggressive liquids, such as petrol, gasoline, mineral oils and chemicals in general. It can also be made with anti-static coatings though it is generally less resistant to UV and weathering.

TPU/ PVC Blend

This material is a combination of the characteristics of PVC and TPU to obtain the benefits of both materials.

Alcryn

Alcryn is a thermoplastic elastomer with the look, feel, and recovery of vulcanised rubber. This material is highly resistant to chemicals or acids. For many liquids it has an even higher resistance than TPU. Abrasion resistance is equivalent to PVC and it can be produced in a fire resistant material. Alcryn has a better UV resistance than TPU.