



Introducing the most comprehensive Polyurethane processor in the Eastern Cape: Polyurethane Engineering!

We process and manufacture components from all grades of polyurethane, from Elastomers to Rigid Foams, Flexible Foams to Brush-on Polyurethane Coatings and Sealants providing superior solutions to your individual product needs. In-house tooling department, prototyping and development facilities ensure smooth transition from concept to reality.

As you will see below our applications are as diverse as your requirements...



Polyurethane Elastomers

Elastomers offer the perfect solution for many Industrial applications due to their versatility, extreme abrasion and chemical resistance, high tensile and tear thresholds. Furthermore they are resistant to mould growth and have dimensional stability over a wide temperature range. As consumers we are in contact with these polyurethane components each day, probably without being aware of it. Casters, rollers, wheels for forklifts, roller coasters, shopping trolleys, dunnages, seals, bungs and many factory fixtures are made from Polyurethane Elastomers. Durability, elasticity and compressive strength are renowned. They are created with a wide variety of properties, in many colours and can be moulded into any shape.



Polyurethane Foams

Diversity is the name of the game when it comes to foams. They form an integral part of our daily life and yet are usually hidden behind a coating, covering or fabric. Modern day furniture is made exclusively from a combination of high density Rigid grades to produce moulded decorative relief and Flexible memory foams are used for the cushioning area in arm rests, mattresses and sofa's. The Automotive, Construction, Marine and Medical Industry make use of foams prolifically due to their cushioning and structural properties as well as superior thermal and acoustic insulation values and naturally the buoyancy properties in boats. Rigid, semi rigid, flexible and integral skin flexible can be customized to meet your performance standards.



Polyurethane Coatings & Composites

Due to the nature of our materials, exterior coatings are often necessary to provide a particular characteristic for your product. Often the need arises to couple dimensional stability and structural integrity or weight constraints in the product with a surface finish which requires additional properties such as a paintable surface, cushioning application or blemish free skin. We have a range of coatings, skins and materials to produce composite parts which can overcome any problem area.

Please contact us for expert advice and to discuss your requirements. We are here to assist from prototype to product!

Yours in high performance Polyurethane!

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