

PERSPEX SOUTH AFRICA

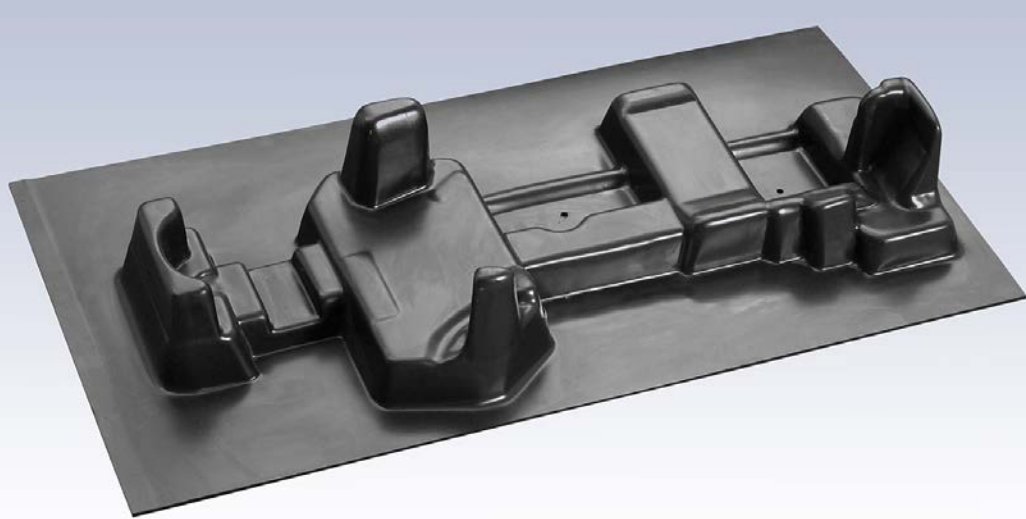
Industrial



Industrial **Product Range**

The Perspex South Africa Industrial range for vacuum formers, refrigeration manufacturers, vehicle manufacturers and toolmakers includes ABS, HDPE, Polypropylene, PST and extruded acrylic, all of which are sourced from leading local and international manufacturers.

We strive to ensure that we have a suitable product for each project, whether it's refrigerators, automotive engine components or packaging. Perspex South Africa's expert sales and technical staff will advise on the best solution for the job and explain the forming and fabrication capabilities of our materials. All our products carry appropriate warranties.



ABS

Appliances | Automotive | Caravan & Marine | Refrigerators & Coldrooms | Transit vehicles

ABS (Acrylonitrile butadiene styrene) is a thermoplastic that combines the strength and rigidity of acrylonitrile and styrene polymers with the toughness of polybutadiene rubber. It is not suitable for extended outdoor use and pigments can be added to the raw material for colouration and UV stability.

ABS features:

- Tough but light weight
- High rigidity and impact strength
- Excellent electrical insulating properties
- Easy to thermoform
- Can be printed, cut and glued
- Easily recycled
- UV stabilisers can be added for extended outdoor use
- Easily coloured

ABS VO

Transit vehicles

ABS VO (flame retardant) carries a fire rating and has an element of UV stability. It can be manufactured in any colour required as long as there is sufficient volume.

ABS VO features:

- Tough, durable and UV resistant
- Impact and chemical resistant
- Graffiti resistant agent can be added
- Fire resistant
- Good scratch resistance and easy to clean

HDPE

Ducting | Fume cabinets | Packaging | Tanks | Vacuum forming | Wear strips

HDPE is used in a wide range of industries including general engineering and fabrication. It is used to manufacture essential items ranging from wear strips and chain guides; plastic and extrusion welding for fume cabinets, ducting and chemical tanks; vacuum forming and profile cutting; automotive parts such as mudflaps and dam linings.

HDPE features:

- Lightweight and durable
- Excellent chemical resistance and electrical properties
- High impact strength
- Easy to thermoform
- Low water absorption



Polypropylene

Appliances | Automotive | Chemical storage | Ducting | Fume cabinets | Packaging | Tanks

Perspex South Africa manufactures both PPH (Polypropylene homopolymer) for general purpose use and PPC (Polypropylene co-polymer) for high impact use.

Polypropylene features:

- Low density, making it lightweight and economical
- Rigid, hard and strong with good impact strength
- Suitable for use in food contact applications
- High chemical resistance
- Easily fabricated and welded

PST

Appliances | Medical | Refrigerators and Coldrooms

PST is a High Impact Polystyrene sheet that can be vacuum formed, silk screened and machined. It is competitively priced and easily coloured. It is not recommended for extended outdoor use unless UV inks or UV vinyl are applied. PST is easily pigmented to achieve the colour you require.

PST features:

- Lightweight with good impact resistance
- Easy to thermoform
- Can be printed, cut and glued
- Easily recycled
- Absorbs little moisture
- Odourless and tasteless, so suitable for food contact applications

Extruded Acrylic

ATM's | Bus shelters | Machine guards | Number plates | Windscreens

Extruded Acrylic, ultra high impact (UHI), has properties similar to Perspex® Cast Acrylic, but does not exhibit the excellent outdoor weathering properties as Perspex® Cast Acrylic. UHI Extruded Acrylic is available in clear and opaque.

Extruded Acrylic features:

- UV resistant so very weather resistant and suitable for outdoor applications
- Excellent colour stability
- Non-toxic fumes emitted in fire and easily extinguished with water
- Easily thermoformed and machined
- Highly transparent regardless of thickness
- Available in three levels of impact resistance : 25%; 50%; and 100%



About Perspex South Africa

Perspex South Africa has been the market leader in the supply of quality cast acrylic products in sub-Saharan Africa for over 60 years. Our head office is located in Johannesburg, South Africa, and forms the hub of our operation. Our extensive national footprint includes sales offices and warehouses in Cape Town, Durban and Port Elizabeth, which also houses our extrusion manufacturing facility.

Our full product range ensures we have a product for every project or industry. It includes extruded acrylic, PETG, and Multiwall polycarbonate, all of which are supplied from reputable international manufacturers; and locally manufactured ABS, Acrylic Capped ABS, high impact polystyrene and high density polyethylene. Perspex South Africa's technical staff will advise on the best solution for the job and explain the forming and fabrication capabilities of our raw material. All our products carry appropriate warranties.

We believe in pushing boundaries because we're passionate about plastic and the creative possibilities it presents. We love finding solutions that show off the endless creative potential the Perspex range of products offers.

Product Range:

Print | Fabricate | Create | Glaze | Sanware | Sign | Industrial | Chemicals

Unit 15, Lakeview Business Park
No 3 Yaldwyn Road, Jet Park

Tel: 087 097 0111
Email: orders@perspex.co.za
Web: www.perspex.co.za

PERSPEX SOUTH AFRICA
Creatively inspired. Solutions driven