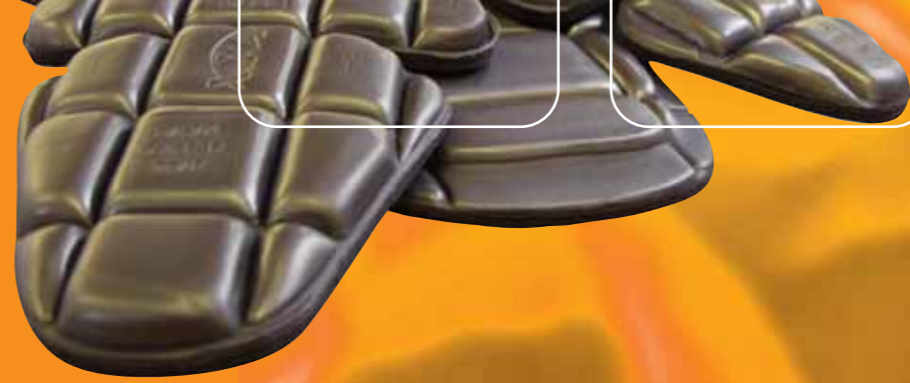




AZOTE  
the complete expanded  
polyolefin foam family



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|                          | Evazote & Supazote |      |      |      |      |      | Plastazote |      |      |      |                |      |      |      |      |      | Propozote |      |      |      |       |       |   |
|--------------------------|--------------------|------|------|------|------|------|------------|------|------|------|----------------|------|------|------|------|------|-----------|------|------|------|-------|-------|---|
|                          | VA25               | VA35 | EV30 | EV50 | VA65 | EM26 | EM45       | LD18 | LD24 | LD29 | LD33           | LD45 | LD60 | LD70 | HL34 | HL47 | HL79      | HD30 | HD60 | HD80 | HD115 | PPA30 |   |
| Buoyancy aids            | x                  | x    | x    |      |      |      |            |      | x    |      | x              | x    |      |      |      |      |           |      | x    | x    | x     |       |   |
| Pool games               | x                  | x    | x    |      |      |      |            |      | x    |      | x              | x    | x    | x    |      |      |           |      | x    | x    | x     |       |   |
| Swim vests               | x                  | x    | x    |      |      |      |            | x    | x    |      | x              | x    |      |      |      |      |           |      |      |      |       |       |   |
| Swimming boards          |                    |      |      |      |      |      |            |      |      | x    |                |      |      |      |      |      |           |      |      |      |       |       | x |
| Aquajoggers              | x                  | x    | x    |      |      |      |            |      | x    |      | x              | x    | x    | x    |      |      |           |      |      |      |       |       |   |
| Canoe buoyancy / seats   |                    |      |      |      |      |      |            | x    |      | x    |                |      |      |      |      |      |           |      | x    |      |       |       |   |
| Camping mats             |                    | x    | x    | x    |      |      |            |      | x    |      | x              | x    |      |      |      |      |           |      | x    | x    | x     |       |   |
| Waterslide mats          | x                  | x    | x    | x    |      |      |            |      |      |      |                |      |      |      |      |      |           |      |      |      |       |       |   |
| Sports shoe insoles      |                    |      |      |      |      |      |            |      |      |      |                | x    |      |      | x    |      |           |      |      |      |       |       |   |
| Body / boogie boards     |                    |      |      |      |      |      |            |      |      |      |                | x    |      |      |      |      |           |      | x    |      |       |       | x |
| Gymnasium mats           |                    | x    | x    | x    |      |      |            |      |      |      | x              | x    |      |      |      |      |           |      |      |      |       |       |   |
| Body Protection          |                    | x    | x    | x    |      |      |            | x    | x    |      |                | x    | x    | x    | x    |      |           |      | x    |      |       |       |   |
| Helmet liners            |                    | x    | x    |      |      |      |            | x    |      |      | x              |      |      |      |      |      |           |      |      | x    | x     |       | x |
| Backpack padding         | x                  | x    | x    | x    |      | x    | x          |      | x    |      | x              | x    |      |      |      |      |           |      |      |      |       |       |   |
| Toys and games           |                    | x    | x    | x    | x    | x    | x          |      |      |      | x              | x    | x    | x    |      |      |           |      | x    |      |       |       |   |
| Wrestling / judo mats    |                    |      |      | x    | x    |      |            | x    |      |      |                | x    |      |      | x    |      |           |      |      |      |       |       |   |
| Cricket gloves and pads  |                    |      |      |      |      |      |            |      |      |      | x              | x    |      |      |      |      | x         |      | x    | x    |       |       |   |
| Hockey protection        |                    |      |      |      |      |      |            |      |      |      | x              |      | x    |      |      |      | x         |      | x    | x    | x     |       |   |
| Motorcycle body armour   |                    |      |      |      |      |      |            |      |      |      | x              |      |      |      |      |      |           |      |      |      |       |       | x |
| Football shin pads       |                    |      |      |      |      |      |            |      |      |      | x              |      | x    |      |      |      |           |      |      | x    | x     |       |   |
| Karting chest protectors |                    |      |      |      |      |      |            |      |      |      | x              |      |      |      |      |      |           |      |      |      |       |       |   |
| Ice hockey protection    |                    |      |      |      |      |      |            |      |      |      | x              |      | x    |      |      |      | x         | x    | x    | x    | x     |       |   |
| Yoga mats and blocks     |                    |      |      |      |      |      |            |      |      |      | x              | x    |      |      |      |      |           |      |      |      |       |       |   |
| Motocross bar protection |                    |      |      |      |      |      |            |      |      |      | x              | x    | x    |      |      |      |           |      |      |      |       |       |   |
| Ergonomic racing seats   |                    |      |      |      |      |      |            |      |      |      | x <sup>1</sup> |      |      |      |      |      |           |      |      |      |       |       |   |

x<sup>1</sup> LD45FR Fire retardant grade

AZOTE is the group brand for a variety of foams manufactured from differing base polymers but using the same unique process route.

PLASTAZOTE®, EVAZOTE®, SUPAZOTE® and PROPOZOTE® are world-wide registered trademarks for the current product range which is available through a global distributor and converter network.



ZOTEFOAMS

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SPORTS & LEISURE

# protection

& PERFORMANCE



ZOTEFOAMS

# sports and leisure



Porsche sled with durable, soft touch protection from Plastazote



Wade Cunningham, World Karting Champion, enjoys Plastazote protection in the Ribtec rib protector from Tillet Racing Seats



Shoulder protectors for rugby players provide Plastazote protection



Azote foams provide long lasting buoyancy in a wide range of swimming aids... Kewell Converters

Azote foams are probably the most widely used closed cell foams in the sports and leisure industry. Their superior properties and performance characteristics make Azote foams the natural choice for many different and varied applications, from swimming aids to sports orthotics; back packs to body protectors; cricket pads to camping mats and helmet liners to handlebar pads.



High spec body board utilises the high stiffness to weight ratio of Plastazote



Grant Langston, USA 125 motocross champion, uses RENTHAL Falbar™ made from Plastazote..

Professional motocross handlebar pads provide optimum impact protection... Renthall

# performance

## OUTSTANDING PROPERTIES

- Excellent impact absorbing properties
- Lightweight and durable
- Soft, flexible and compliant, to firm, hard and rigid.
- Buoyant and water-resistant
- Good thermal insulation properties
- Wide range of vibrant colours
- Pure and consistent
- Non-toxic and safe
- Resilient and UV resistant

These outstanding properties stem from Zotefoams' unique manufacturing process technology, which produces pure, chemically inert foam without blowing agent residues and with a uniform cell structure with regular cell walls.



Plastazote provides durable, lightweight protection in ice hockey goalie pads and upper body protectors... Battram Custom Goal Equipment



Ribtec kart racing chest protection... Tillet Racing



International field hockey keepers protected by Plastazote's impact absorbing properties



CE approved, super impact absorbent motorcycling body armour... Planet Knox



John Reynolds 2 x British Superbike Champion is protected by Knox body armour incorporating Plastazote

## COMPOSITE COMBINATIONS

Where a combination of properties is required, many converters laminate two or more grades of Azote foam, using a softer foam for feel and touch, together with a higher density, more rigid foam for impact protection.

Azote foams are often used in combination with other materials in order to achieve specific performance criteria. They have excellent adhesion properties and can be laminated to fabrics, solid plastics, carbon fibre or honeycomb cores.

## CONSISTENCY

Azote foams are typified by their highly consistent cell structure. Because they are expanded in a free environment (without the use of a mould) they also have little in-built stress and little tendency to distort during conversion; both features that make them easy to process and fabricate.

Azote foams can be routed cleanly to produce the most complex of shapes. Being cross-linked they are equally suitable for thermoforming, either by compression or vacuum moulding. They can be split, sawn, water jet cut, die cut, butt-welded and heat laminated together to form thicker blocks.

## CHOICE

Plastazote cross-linked polyethylene foams are available in a range of densities from 15 to 115 kg / m<sup>3</sup>. Plastazote produced from LDPE has greater flexibility while the HDPE based product has increased stiffness, and blends fall in between the two.

Evazote and Supazote foams are made from EVA copolymers. Evazote foams are tougher and more resilient while Supazote foams are softer to touch.



ZOTEFOAMS

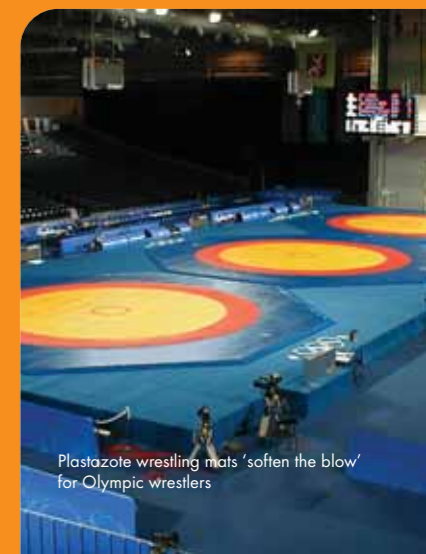


Batting and wicket keeping pads and gloves offer Plastazote protection... CF Sports

# protection



Plastazote LD45 provides the ideal fairway surface for portable mini-golf "Crazy 18"... Advanced Quality Products



Plastazote wrestling mats 'soften the blow' for Olympic wrestlers