



ZOTEFOAMS



AZOTE HIGH PERFORMANCE
FOAMS FUELING
**ARTISTIC
CREATIVITY**



AZOTE®
high performance
polyolefin foams



ZOTEK®
advanced
polymer foams

Azote High Performance Foams Fueling Artistic Creativity

Zotefoams is the world's leading manufacturer of polyolefin block foams marketed under the Plastazote® Evazote® and Supazote® brands. 'Azote®' foams are characterised by their outstanding physical performance characteristics, consistent cell size, depth of colour and lack of in-built stresses. These high purity materials have been used for artistic purposes for many years and the ability to manipulate them is seen as a commercial skill in creative circles.

Plastazote is a range of polyethylene foams and Evazote foams are based on EVA copolymers and have higher durability and different surface properties. Supazote is an exceptionally soft foam, also made of EVA copolymer.

WORKING WITH AZOTE FOAMS

Azote foams are simple to manipulate by hand. They can be cut with scissors, sawn, hot wired, carved with a craft knife, drilled, sanded, glued, melt laminated and even welded with a heat gun.

Being crosslinked they can also be thermoformed easily (and at relatively low temperatures) and are also suitable for 'direct to body' moulding.



MODELS, PUPPETRY, MASCOTS AND TOYS

Plastazote is an ideal material for model and toy making. It has been used extensively in stop-motion modelling and puppetry where it keeps a good firm hollow shape allowing room for internal animation servos and mechanics such. Virtually odour free, its high purity and ease of manipulation make it an excellent toy making material.

THEATRE AND FILM

Plastazote is used for costume and props in many stage productions and has even appeared in Hollywood feature films. Its strength and impact absorbing qualities have encouraged its use in action movies while its long life durability ensure its performance over the longest of theatre runs.

OUTSTANDING PROPERTIES

- Lightweight yet durable
- Wide selection of vibrant colours
- Pure and non-staining
- Extremely low odour
- Non-toxic and safe
- Outstanding moisture resistance
- High shear strength
- Consistent, with regular cell size
- Very low levels of in-built stress
- Good impact absorbing properties
- Excellent compression / tension characteristics
- Wide range of densities
- Flame retardant grades available



POSTERS, ART AND SCULPTURE

Plastazote can create tremendous impact when sculpted creatively on 3-D billboards or used tastefully in window dressing. Its use as a basic art material for sculpting owes much to its consistency characteristics, lack of in-built stress and the ease with which it can be cut, carved, welded, laminated and otherwise manipulated.

CARNIVAL COSTUMERY

Seldom a Carnival event occurs without the use of Plastazote in the construction of extravagant costumes, headdresses and carnival floats. Available in a wide range of vibrant colours, Plastazote is exceptionally light-weight, and is thought to be the only plastic foam of its type to meet the rigorous Oeko-Tex 100 dermal contact compatibility requirements.

EDUCATION AND TRAINING

Plastazote is a wonderful material for moulding into shapes and it is increasingly used by thousands of school children. It is colourful and tactile and can be cut with scissors or a craft knife and glued to make a vast range of three-dimensional models, masks, art work and technology projects.

RE-ENACTMENT

Plastazote is a favourite material for LARP (Live Action Role Play). Used to line armour and make swords, shields and a variety of other weaponry, it is both light-weight and safe to use yet has the mechanical strength to appear realistic.



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FOR MORE INFORMATION PLEASE VISIT WWW.ZOTEFOAMS.COM

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

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