



thyssenkrupp Engineered Plastics

DuPont™ Authorized Distributor



thyssenkrupp

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DuPont™ Vespel® Authentic Shapes

DuPont is committed to maintaining the integrity of its Authentic DuPont™ Vespel® shapes and the high levels of product quality and service that our customers have come to expect and enjoy. Ensure the integrity of your product as well as your customer's business, purchase only Authentic DuPont™ Vespel® shapes from an authorized DuPont distributor.

1. What are Authentic DuPont™ Vespel® shapes?

Authentic DuPont™ Vespel® shapes are a combination of material composition, geometric size/shape and process method manufactured only by DuPont and sold only through DuPont authorized distributors of DuPont™ Vespel® shapes.

2. What is the importance of purchasing only Authentic DuPont™ Vespel® shapes?

The DuPont™ Vespel® parts & shapes business takes great care in producing and marketing high quality polyimide based stock shapes. Different manufacturing processes are used to produce shapes of specific size and composition. Product performance is primarily a function of composition and manufacturing process and can sometimes be affected by product size. The influence of product size on performance deals with product diameter and not length. The DuPont™ Vespel® parts & shapes business uses Compression and Isostatic molding methods to manufacture shapes. The Compression process produces shapes that exhibit directional properties while the Isostatic process produces shapes without directional properties. Therefore, it is important to understand which process best suits the particular application performance needs.



Since Authentic DuPont™ Vespel® shapes are typically the source of machined components, the relationship between process, size, and performance becomes critical to the success of these parts in application. Therefore, it is important to make certain that the particular shape being used is produced by DuPont in the particular size and composition as was specified during the qualification process.

There have been reported instances of DuPont™ Vespel® shapes being machined into smaller size diameter rod from larger diameter rod or from thick walled tube by unauthorized resellers.

DuPont has also received reports of unauthorized resellers machining rod from Compression molded plaque. DuPont authorized distributors are prohibited from engaging in either practice because the resulting rod characteristics differ from rod made to the original size. For example, rod machined from Compression molded plaque will not perform the same as a rod in a particular size produced by the Isostatic process even if the composition is identical. In these instances, the unauthorized resellers attempt to sell the product as Authentic DuPont™ Vespel® shapes to unsuspecting customers and alter the Certificate of Conformance (CoC). These altered CoCs do not contain the correct lot number information intended to match product size and composition for traceability purposes.

While some customers are aware of the practice and are willing to purchase these modified shapes, they may not be aware of the risk they are taking in doing so. In addition to the performance risk arising from this practice, product traceability is compromised. In the event a quality issue occurs with the machined parts (or worse, a quality issue occurs with the expensive assemblies and systems these parts go into), DuPont may not offer the level of investigative services and support as with Authentic DuPont™ Vespel® shapes. The lack of traceability resulting from altered CoCs reduces or eliminates the value of having access to DuPont expertise and analytical capabilities. DuPont will not honor altered CoCs.

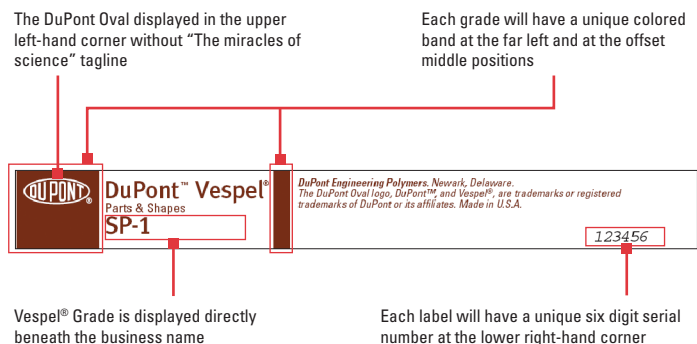
3. How can I tell whether or not the DuPont™ Vespel® shapes I have are authentic?

The first step to ensure you are purchasing Authentic DuPont™ Vespel® shapes is to buy only from a DuPont authorized distributor. For a complete list of DuPont authorized distributors, visit the DuPont™ Vespel® parts & shapes website at www.vespel.dupont.com.

Product purchased from an authorized DuPont distributor will be labeled with a genuine DuPont™ Vespel® shapes product label and be accompanied by an official CoC. The tamper-evident product labels are serialized to add a level of traceability and contain covert security technology that

helps prevent the counterfeiting of Authentic DuPont™ Vespel® shapes product labels. If ever a doubt that the product label is not genuine, it can be returned to DuPont for verification of authenticity at no expense. The appearance of genuine product labels is shown below.

DuPont has granted our authorized distributors permission to legally reproduce the original CoC to accompany purchased Authentic DuPont™ Vespel® shapes cut to length. DuPont will pursue full legal action against unauthorized reproduction and transfer of original CoC by unauthorized resellers. The appearance of a DuPont™ Vespel® shapes CoC is shown below.



CERTIFICATE OF CONFORMANCE

From: E.I. du Pont de Nemours and Company To: Engineering Polymers
DuPont™ Vespel® parts & shapes
350 Bellevue Road
Newark, DE 19713

DuPont™ and Vespel® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company.

Date: 07 Aug 2006

Customer Order Number: Item Number: 00000

DuPont Order: Description: Delivery Number:

Part Number: D10667678 Customer P/N: 10420 UJ
Quantity: Lot/Kit Date:

Customer Reference:

We certify that the material used meets minimum physical and chemical properties.

Characteristics

Material Grade	: SP-450
Reel Lot No.	: P02037
Reel Number	: P020429
Tensile Strength (psi)	: 8,400
Elongation (%)	: 4.70
Specific Gravity (g/cm³)	: 1.423

This is to certify that the product or services listed above are of the quality specified and conform in all respects with the contract requirements, including specifications, drawings, preservation, packaging, marking requirements, physical and chemical properties, and are in the quantity shown on this document.

The required test reports for the items in this shipment and for the materials used in this order are on file and available for examination. This certificate has been produced electronically and therefore does not require a signature.

Quality Assurance Representative
Doreen K. B. Webster

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