

## Fast track: what China can learn from the Lycra story

<https://marketpublishers.com/r/F540B411DD7EN.html>

Date: December 2009

Pages: 7

Price: US\$ 365.00 (Single User License)

ID: F540B411DD7EN

### Abstracts

Few brands have had as much impact on performance apparel as Lycra which celebrated its 50th anniversary in 2009.

Initially, Lycra made its mark by providing new levels of comfort and freedom of movement in hosiery, legwear, intimate apparel and swimwear.

But more recently its qualities have been successfully exploited in casual wear and outerwear, and the fibre is now very prominent in the performance sportswear field.

Lycra was invented by a DuPont scientist, Joseph C Shivers, as long ago as 1959. It took the inventor a decade of development work to come up with the formulation which goes under the generic name of spandex or elastane.

In general, elastane, a polyurethane-polyurea copolymer, has better stretch than natural rubber. Indeed, it can be extended by up to 600% and recover to its original size which means that only a small percentage of it (normally 5%-30%) is needed in a blend to provide good stretch properties.

Also, elastane has better resistance to dry heat and oil, and, unlike rubber, it does not need to be covered or coated.

## **Contents**

**INTRODUCTION**

**NEW TECHNOLOGY**

**ELASTANE PRODUCTION AND CONSUMPTION**

**CONCLUSIONS**

## I would like to order

Product name: Fast track: what China can learn from the Lycra story

Product link: <https://marketpublishers.com/r/F540B411DD7EN.html>

Price: US\$ 365.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F540B411DD7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970