



# Unitex® squeegees printing for the long run

## Unitex® Exar

Unitex® Exar provides excellent screen printing performance for a wide range of applications.

It is made from a high grade Diphenylmethane Diisocyanate (MDI) polyurethane and is designed to provide exceptional abrasion resistance, ensuring consistent sharp image quality over long print runs. Independent tests showed a 33% improvement in abrasion loss against a standard MDI polyurethane, which translates to longer screen printing cycles. This will provide a significant cost and time savings as the blade does not need to be changed as often.

Unitex® Exar, is resistant to degradation by commonly used inks, solvents and monomers used in modern printing processes and works exceptionally well on all industrial screen printing as well as decorative printing; such as textiles, graphics, bottles and containers.

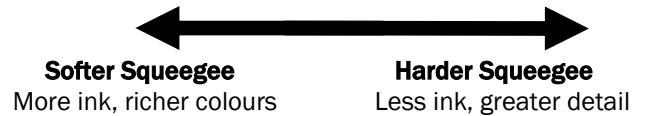
### Benefits:

- Exceptional abrasion resistance compared to similar squeegees in its class - last print as good as the first print \*
- Resistant to solvents used in modern ink systems - outstanding reproduction and extended squeegee life
- Precision printing edge – pin sharp reproduction
- Made from high grade polyurethane - compatible with a wide range of inks and systems
- Compatible with most UV graphic inks - delivers the vibrant colors your printing demands
- Tight manufacturing tolerances - minimal setup and re-set up times
- High degree of inspection - your last squeegee in stock won't let you down



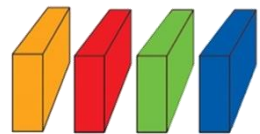
### Durometer/Color Coding:

Tolerance: +/- 3° Shore A



### Profile:

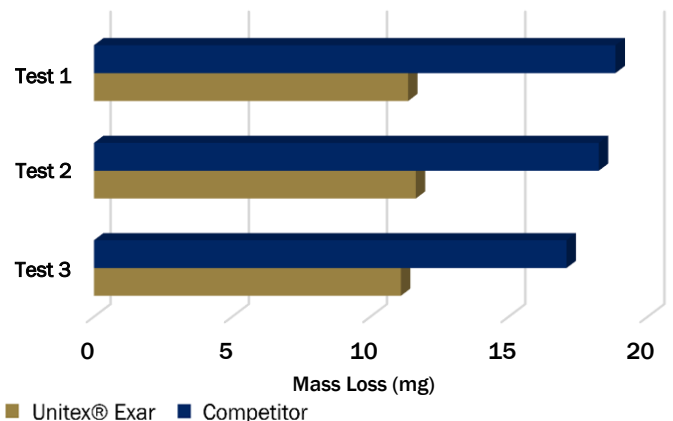
- Single Durometer



### \* Taber Wear Abrasion H18 Test – 5000 Cycles

Industry standard used in the wear and durability of polyurethane

#### Taber Abrasion - ASTM D4060-14 - 5000 Cycles

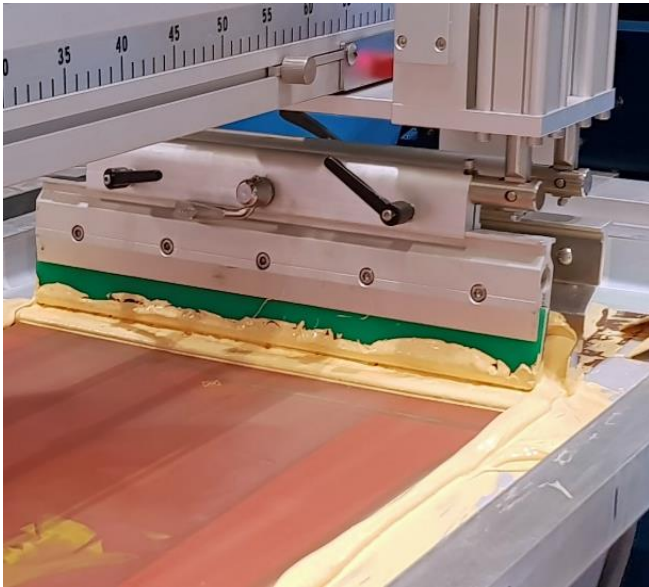


Unitex® Exar is suitable for both high precision and decorative applications, such as:

- Bottles & Containers
- Ceramics
- Glass
- Graphics and Decals
- Industrial
- Textiles

**Suitable for all screen printing presses:**

- Automatic flat screen
- Semi-automatic screen
- Rotary screen
- Hand printing



**Unitex® Exar exceeds the performance of similar squeegees on the market**

**Technical Data:**

Dimensions	Plain Section	Tolerance
Length	Up to 3750mm (147")	+/- 10mm
Width	15 - 50mm (0.6 - 2")	+/- 0.5mm
	50 - 100mm (2 - 4")	+/- 1mm
	100 - 610mm (4 - 24")	+/- 5mm
Thickness	Up to 12.5mm	+/- 0.4mm
Type	Hardness	Tolerance
Unitex® Exar	60° - 90° Sh A in 5° Increments	+/- 3° Shore A

Available in different profiles, hardnesses and sizes on request.

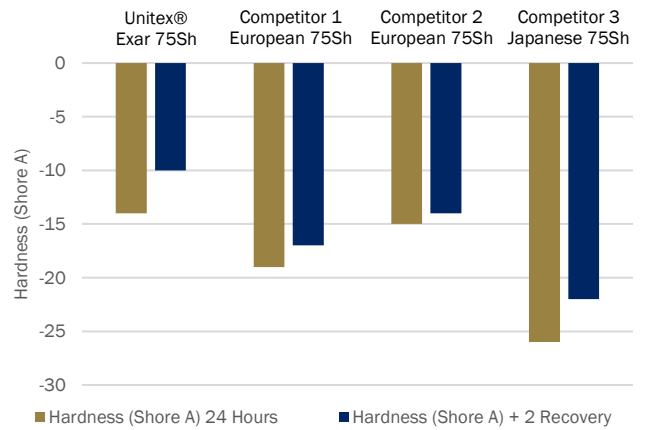
**Superior solvent resistance & durability**

Improved volume swell and hardness retention

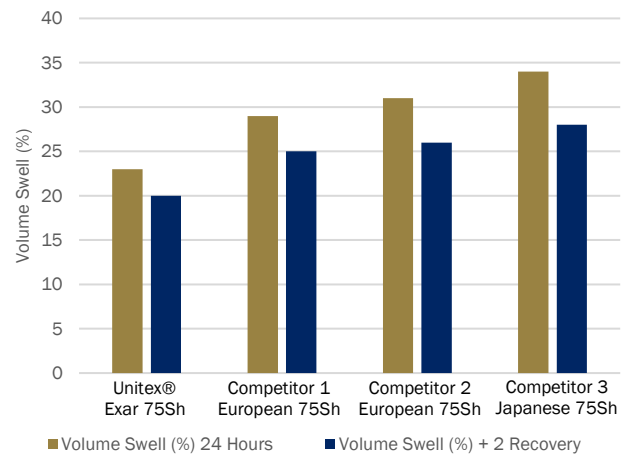
- Low swelling characteristics to solvent cleaners and inks
- Excellent retention of mechanical properties after immersion
- Best recovery rate
- Ideal for continued use & processing
- Ideal for UV ink systems

**Full Immersion Cyclohexanone Solvent**

Hardness Change



Volume Swell



**Contact Us**

Trelleborg Applied Technologies delivers innovative and reliable solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.

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