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**HANATEK**   
UNIVERSAL SAMPLE CUTTER

## Universal Sample Cutter

- Configurable for multiple test types
- Accurate
- Repeatable

# Universal Sample Cutter (USC)

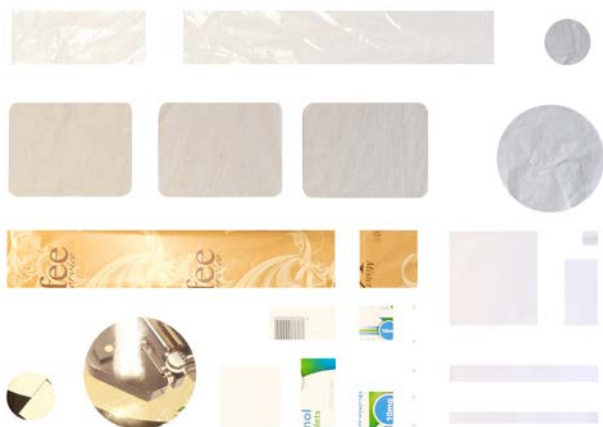


The Hanatek Universal Sample Cutter has been designed for the simple cutting of samples for the packaging laboratory.

## Variety of Substrates and Test Types

Suitable for a variety of substrates including those that are hard to cut with traditional cutters.

- Film, down to 6µm
- Tissue
- Paper
- Carton boards
- Foils
- Laminate



## Time

Save valuable time by preparing multiple samples simultaneously.



## Cost Effective

The USC uses interchangeable dies to suit different test types. Simply purchase a new die for the test type required.

## Safety

Increase operator safety - no knives required.

## Custom Dies

Using a custom die is the fastest way to prepare samples for multiple test types. From a single sheet of material, samples can be prepared accurately and quickly.

**1 or 2 of the same shape.**



**Up to 5 shapes of different sizes.**



**More than 5 different sized shapes or additional punched holes within shapes.**



**Crease and stiffness samples for a given pack size. Uses ejector pins for alignment.**



## Standard Dies

We have standard dies available to cut samples for most test types including:

✓ Friction

✓ O<sub>2</sub> permeability

✓ Rub resistance

✓ Tensile

✓ CO<sub>2</sub> permeability

✓ Carton crease

✓ Grammage

✓ WVTR

✓ Carton stiffness & more

# Dimensions



Small Die



Large Die

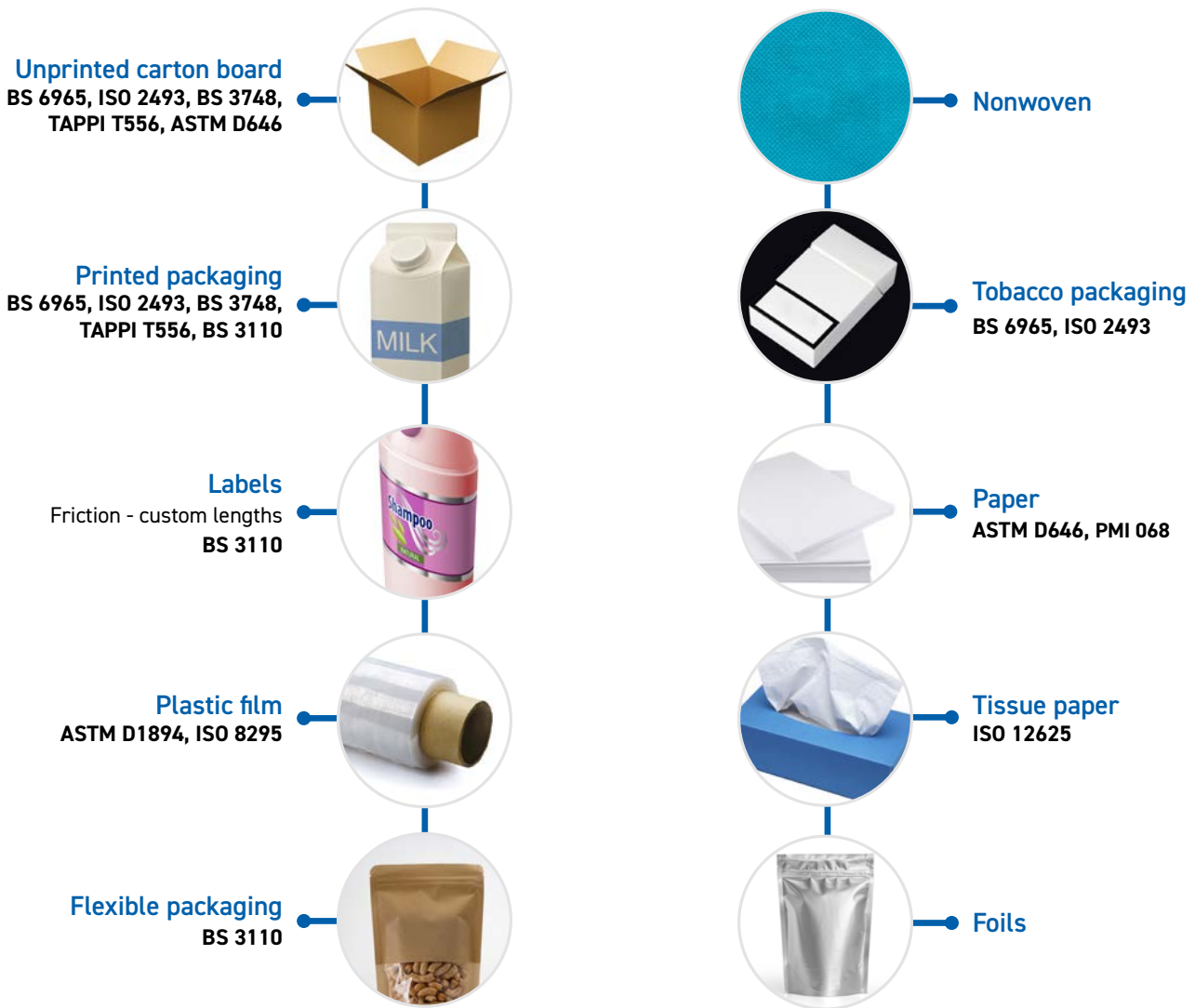


Samples produced are always to specification independent of operator.

- Accurate
- Repeatable
- Reliable

# Substrates & Standards

The USC is suitable for cutting a variety of substrates from 6µm to 250µm.



# Specifications

Instrument Specification	Details
Material thickness	6µm to 250µm
Applied pressure during cut	2 psi
Maximum sample area (Large DIE)	340mm x 180mm
Maximum sample area (Small DIE)	180mm x 140mm

Order Codes	
Universal Sample Cutter	RL-B80-001
Die - Crease & Board to BS6965	RL-B-CUTTER/CARTON
Die - Friction to ASTM D1894 / ISO 8925 (FILM)	RL-B-CUTTER/FRICTION FILM
Die - Friction to ASTM D1894 / ISO 8925 (BOARD)	RL-H-CUTTER/FRICTION-CFT
Die - Rub testing to BS3110	RL-B-CUTTER/RUB
Die - Grammage testing to ASTM D646	RL-B-CUTTER/GRAMMAGE
Bespoke cutter die - 1 or 2 of the same shape	RL-H-CUTTER/CUSTOM
Bespoke cutter die - Up to 5 shapes of different sizes	RL-H-CUTTER/CUSTOM-2
Bespoke cutter die - More than 5 different sized shapes or additional punched holes within shapes	RL-H-CUTTER/CUSTOM-3
Bespoke cutter die - Crease and stiffness samples for a given pack size (Uses ejector pins for alignment)	RL-H-CUTTER/CUSTOM-4

Instrument Dimensions	Details
Dimensions	200mm (H) x 560mm (W) x 390mm (D)
Packed weight	14kg
Packed dimensions	360mm (H) x 650mm (W) x 500mm (D)
Commodity code	9024 9000

**Calibration**  
All dies include a traceable calibration certificate

**Free extended 2 year warranty:** Requires registration at [www.rhopointinstruments.com](http://www.rhopointinstruments.com) within 28 days of purchase. Without registration, 1 year standard warranty applies.

**Calibration and service:** Fast and economical service via our global network of accredited calibration and service centres. Please visit [www.rhopointinstruments.com](http://www.rhopointinstruments.com) for detailed information.

## Factory Sample Evaluation

Send in your material and we will prepare your samples according to the test required and return for your evaluation

Ready to receive a quote?

Click here

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