



FILM APPLICATORS

SINGLE SIDED APPLICATOR

These applicators are precisely machined and finished to meet the quality requirement for the coating industry. They provide perfect film draw downs, essential for testing purposes. Suitable for application on hiding charts or any other flat, rigid and smooth surface.

All applicator are made of stainless steel, hence Corrosion resistant, Easy to clean, and not affected by any mild acids or base elements

Confirms to **ASTM D823, ASTM D 1084**

Supplied in a deluxe wooden box along with confirmatory certificate.



CODE: 10015

Standard

FILM WIDTH

Size:

	60mm	90mm	300mm
50 microns	10015-00	10015-10	10015-20
75 microns	10015-01	10015-12	10015-21
100 microns	10015-02	10015-13	10015-22
125 microns	10015-03	10015-14	10015-23
150 microns	10015-04	10015-15	10015-24
200 microns	10015-05	10015-16	10015-25
250 microns	10015-06	10015-17	10015-26
300 microns	10015-07	10015-18	10015-27
350 microns	10015-08	10015-19	10015-28

* Other user selectable sizes on request only.

* Calibration Certification tradeable to NPL

10015-30

FOUR SIDED APPLICATOR

Combining four Pre-defined application sides in one unit.

Also Known as PRISM FILM APPLICATOR

Made of Stainless Steel. They are available in film widths of 60mm, 90mm, and 300mm, which Provides excellent results on firm and smooth and relatively solid substrates.

By simply rotating through 90°, the next gap size is placed on the test surface.

It is Corrosion resistant, Easy to clean, and not affected by any mild acids or base elements. Confirms to **ASTM D823, 1084**

With any of following gaps

Supplied in a deluxe wooden box along with confirmatory certificate.



CODE: 10017

Standard

Film Width

Size	60mm	90mm	300mm
30-60-90-120	10017-00	10017-05	10017-10
50-75-100-125	10017-01	10017-06	10017-11
25-50-75-100	10017-02	10017-07	10017-12
50-100-150-200	10017-03	10017-08	10017-13
100-150-200-250	10017-04	10017-09	10017-14
4 gaps as desired			

* Calibration Certification tradeable to NPL

10017-20

NOTE: The wet thickness is dependent upon the solids and contents of the wet material as well as other factors. Film thickness may vary to the actual clearance



FILM APPLICATORS

CUBE APPLICATOR

This small applicator has 2 pre-defined thicknesses for application. Made of Stainless Steel, hence Corrosion resistant, Easy to clean, and not affected by any mild acids or base elements.

It is a 25mm cube with a hole in the center, 2 gap sizes are machined into each applicator face. Paint is filled in the hole and the applicator is steadily moved to get a smooth application.

Ideal for application of parallel film strips.

Specially used with CI Drying Time Recorder.

Confirms to **ASTM D 823**

Supplied in a deluxe wooden box along with confirmatory certificate.

Standard gap size:

40 & 75 microns.

50 & 100

100 & 150

150 & 200

200 & 300

CODE:10019-00

10019-01

10019-02

10019-03

10019-04



CODE: 10019

* Calibration Certification tradeable to NPL

10019-11

2/3 RESERVOIR CUBE APPLICATOR

This also has 2 pre-defined thicknesses for application. They have 2 / 3 Reservoirs ideal for preparing samples for comparing two or three coatings simultaneously. Made of Stainless Steel, hence Corrosion resistant, Easy to clean, and not affected by any mild acids or base elements.

Ideal for application of parallel film strips, Specially used with CI Automatic Film Applicator and CI Drying Time Recorder.

Confirms to **ASTM D 823**

Supplied in a deluxe wooden box along with confirmatory certificate.

Standard gap size:

50 & 100 microns.

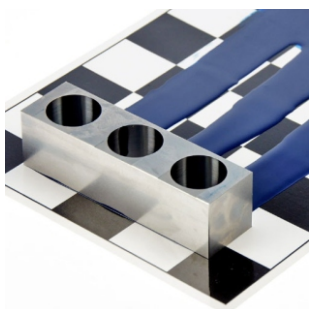
90 & 150

100 & 150

CODE:10019-06

10019-07

10019-08



SAG INDEX

This applicator is specially designed for sag resistance evaluation.

Made of high grade Stainless steel, hence Corrosion resistant, Easy to clean, and not affected by any mild acids or base elements.

It has 7 narrow slots/notches (gaps) machined with progressive thickness in increments to depth.

Confirms to **ASTM D 4400, ASTM D 2801**

Size: 50, 75, 100, 125, 150, 175, 200 microns

Size: 250, 275, 300, 325, 350, 375, 400 microns

10016-00

10016-01



* Calibration Certification tradeable to NPL

* User selectable sizes available on request

10016-03

10016-xx

CODE: 10016



FILM APPLICATORS

MICROMETER ADJUSTABLE APPLICATOR

Adjustable Micrometer Film Applicator is specially designed for research and development purpose especially for high viscous liquids, with user variable coating thickness using two integrated micrometers for adjustments, from 0 - 10mm in steps of 10 microns.

Made of Stainless Steel, hence non corrosive and not affected by any mild acids or base elements.

Detachable blades and spring less technology, makes it easy to clean.

Since the Blades are detachable they can be replaced easily.

Supplied with Confirmatory Certificate.

Four Draw Down width options available.

Application width of 100mm

Application width of 150mm

Application width of 200mm

Application width of 300mm

Digital Micrometer head for any of the above

Calibration Certification tradeable to NPL



CODE:10045-00

10045-01

10045-02

10045-03

10045-05

10045-04

CODE: 10045

BAR COATERS



These wired Bars are ideal for application of paints, inks, and similar coatings onto flexible materials such as papers, test charts, textiles, leather, etc.,

The grooves between the wires determines the applied thickness. or the diameter of the wire in wound form regulates the thickness of coating, these wires are wound on a round rod, Made of Stainless Steel and Stainless Steel wire, and are numbered with or without handle.

It is ideal for both manual and automatic film applications.

They are easy to clean, and corrosion resistance.

Impression Pads or Application Table with rubber tops and clamp to hold the Paper / Charts.

These pads can be used with Single / Four sided applicator, Micrometer applicator, Cube applicator or any other types.

* With effective coating area of 110mm W x 180mm L

* With effective coating area of 240mm W x 330mm L

With Handle

Without Handle

* Bar coater number 0 (4 microns) 10037-02

* Bar coater number 1 (6 microns) 10037-03

* Bar coater number 2 (12 microns) 10037-04

* Bar coater number 3 (24 microns) 10037-05

* Bar coater number 4 (40 microns) 10037-06

* Bar coater number 5 (50 microns) 10037-07

* Bar coater number 6 (60 microns) 10037-08

* Bar coater number 7 (70 microns) 10037-09

* Bar coater number 8 (80 microns) 10037-10

* Bar coater number 9 (100 microns) 10037-11

10037-00

10037-01

10037-20

10037-21

10037-22

10037-23

10037-24

10037-25

10037-26

10037-27

10037-28

10037-29





FILM APPLICATORS

HIDING / OPACITY CHARTS

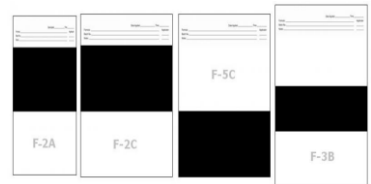
A wide range of test charts suitable for determining hiding power opacity and spreading rate. These charts are used for testing physical properties of coatings, lacquers and inks. They come in a variety of dimensions and are laminated for solvent and chemical resistance and for even spread of film.

In each Chart on the top there is a portion for filling out the details.

White / Black / White

Sizes: 110 mm x 150 mm
140 mm x 250 mm
194 mm x 290 mm

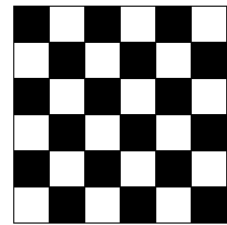
10014-00
10014-01
10014-02



White / Black

Sizes: 110 mm x 150 mm
140 mm x 250 mm
194 mm x 290 mm

10014-03
10014-04
10014-05



Checker Board :

Sizes: 200 mm x 300 mm
300 mm x 300 mm

10014-09
10014-10

- * All these charts are available in packs of 200 / 400 / 800 pieces.
- * Special and different designs are possible with minimum 5000 per design.
- * Other Designs and patterns also available

CODE: 10014

AUTOMATIC FILM APPLICATOR



CODE: 10034

It is made from high precision machined components, sturdy main frame and heavy duty power train assembly, to ensure long term reliable operation.

Consistent draw down conditions such as speed, flatness, combined with applicator gap are essential to obtain perfectly reproducible samples, eliminating human errors and uncertainty. Adjustable speed from 1mm to 500mm/sec. soft touch keyboard with two line backlit display. Stroke length 400mm, with stainless steel bed. Emergency stop switch. Operation on 230V Ac,

DESIGNED & MANUFACTURED BY:



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