



**TQC Sheen**

# Sag Index Applicator and Sag and Leveling Applicator

## Sag Index Applicator

Manufactured by TQC Sheen, we offer a range of sag index applicators and sag and leveling applicators.

Sagging is a coating defect as the result of excessive flow on inclined or vertical surfaces. It causes uneven coating thickness with the excess of paint accumulating at the substrate edges.

The TQC Sheen Sag Index Applicator is especially designed to measure sag resistance. It features guidance plates that help you to achieve straight draw downs on glass panels and test panels.

## Sag and Leveling applicator

The TQC Sheen Sag and Leveling Applicator is a special dual-function film applicator. On one side it has 10 gaps to test the tendency to sag in relation to the film thickness. On the counter side, five pairs of notches of increasing depth are made - creating two sets of film stripes. The merging of these stripes can be evaluated to define the leveling ability.

### Features:

- Various sizes
- Custom options
- Calibration certificate
- Protective case
- Corrosion-resistant
- Compatible with TQC Sheen Automatic Film Applicators

### Standards:

ASTM D1084, ASTM D4400, ASTM D2801

### Technical Specification:

#### Sag Index Applicator

**Material:** High grade Stainless Steel

**Accuracy:** +/- 2  $\mu$ m

**Dimensions:** 18 x 18 x 120 mm

**Film width:** 90 mm

**Wide spacing:** 4.5 mm

**Narrow spacing:** 1.6 mm

#### Sag and Leveling Applicator

**Material:** High grade Stainless Steel

**Accuracy:** +/- 2  $\mu$ m

**Dimensions:** 15 x 28 x 100 mm

**Film width:** 70 mm

### Ideal for:

Cosmetics, Education, Food, Inks and Coatings and Plastics and Polymers

## Ordering Information:

### Sag Index Film Applicators

Gap Size	Film Width 90 mm	
	Narrow spacing (1.6 mm)	Wide Spacing (4.5 mm)
50-275 $\mu\text{m}$	VF2241	VF2250
75-300 $\mu\text{m}$	VF2242	VF2251
250-475 $\mu\text{m}$	VF2243	VF2252
450-675 $\mu\text{m}$	VF2244	-
Custom $\mu\text{m}$	VF2245	VF2253



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### Sag & Leveling Film Applicators

Gap Size	Film Width 70 mm
75-300 $\mu\text{m}$	VF2246
250-475 $\mu\text{m}$	VF2247



Sag & Leveling Applicator

## Accessories:

### Catalog Number Article Description

**VF1601** Glass Film Application Table  
380x230 mm

**VF1602** Glass Film Application Table  
230x160 mm

**VF1603** Glass Film Application Table  
300x100 mm

Test charts, various options

Note: We can offer bespoke sizes to meet your needs for Sag Index applicators. Please contact us directly for a quote.

Note: The total applicator width is the film width + 2 x 15 mm.

### Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

### Contact Details

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