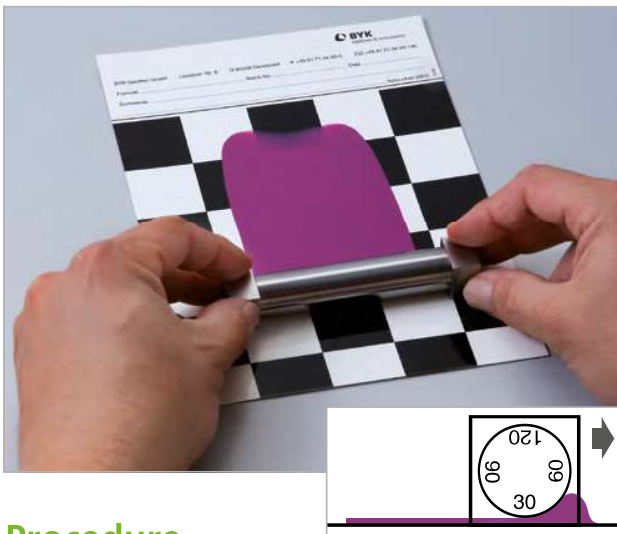# Multiple Clearance Applicators

Multiple Clearance Applicators are designed for the production of uniform films of paints, adhesives and similar products on plane substrates. They combine the accuracy of fixed applicators with the versatility of multiple clearance / gap choices in one unit. These applicators are suitable for use of aqueous, acid, and alkaline products.

4-Sided Applicator

- ■ Stainless steel – corrosion-resistant
- ■ 4 clearances

Procedure

- – Place substrate to be coated on smooth surface
- – Place film applicator with desired gap depth on substrate
- – Pour coating in front of gap in pulling direction
- – Pull at uniform speed (approx. 25 mm / s)
- – Put applicator immediately into diluted cleaning solvent and clean with brush

How to choose the right applicator.

- ■ Low viscous paint: applicator frame
- ■ High viscous paint: 4-sided or bar applicator
- ■ Flexible substrates like foils: wire wound applicators

Applicator Frame

- ■ Stainless steel – corrosion resistant
- ■ 4 clearances
- ■ Packaged in a handy reuseable box to prevent damage
- ■ 2057: 2-chamber design for assessing 2 paint formulations side by side

Standards

ASTM	D 823
FTMS	No. 141a, Meth. 2161, Meth. 2162, Meth. 4255, Meth. 6226

Ordering Information

Cat. No.	Description
2020	4-Sided Bar 60, 30-120 µm
2021	4-Sided Bar 80, 30-120 µm
2040	4-Sided Bar 60, 50-200 µm
2041	4-Sided Bar 80, 50-200 µm
2030	Applicator Frame 60, 30-120 µm
2031	Applicator Frame 80, 30-120 µm
2056	Applicator Frame 70, 50-200 µm
2057	Applicator Frame 2x35, 50-200 µm

Technical Specifications

Gap Clearance	Film Width	Material
30 & 60 & 90 & 120 µm	60 mm	Stainless Steel
30 & 60 & 90 & 120 µm	80 mm	Stainless Steel
50 & 100 & 150 & 200 µm	60 mm	Stainless Steel
50 & 100 & 150 & 200 µm	80 mm	Stainless Steel
30 & 60 & 90 & 120 µm	60 mm	Stainless Steel
30 & 60 & 90 & 120 µm	80 mm	Stainless Steel
50 & 100 & 150 & 200 µm	70 mm	Stainless Steel
50 & 100 & 150 & 200 µm	2 x 35 mm*	Stainless Steel

Comes complete with:
Applicator
Reuseable storage case

*Note: 2-chamber design 35 mm length per chamber