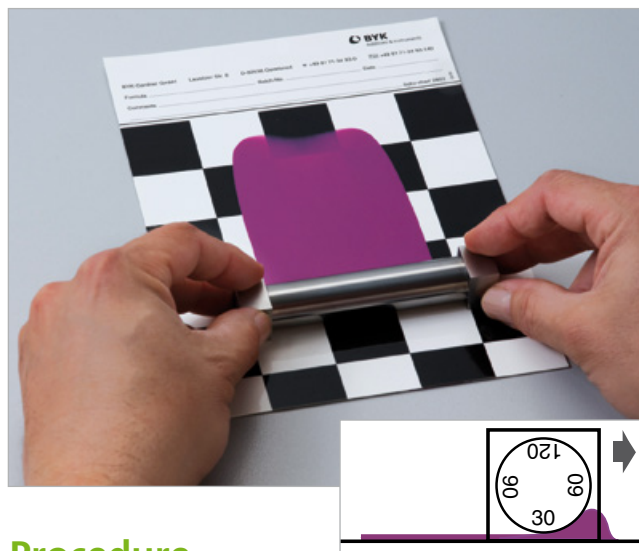


# Multiple Clearance Applicators

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

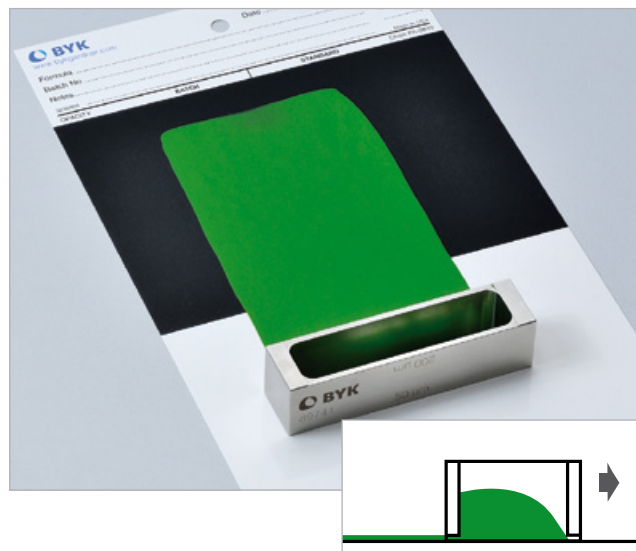
- Place substrate to be coated on smooth surface
- Place film applicator with desired gap depth on substrate
- Pour coating in front of gap in pulling direction
- Pull at uniform speed (approx. 25 mm / s)
- Put applicator immediately into diluted cleaning solvent and clean with brush

## 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

<b>ASTM</b>	D 823
<b>FTMS</b>	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

## Comes complete with:

Applicator  
Reuseable storage case

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

## Technical Specifications

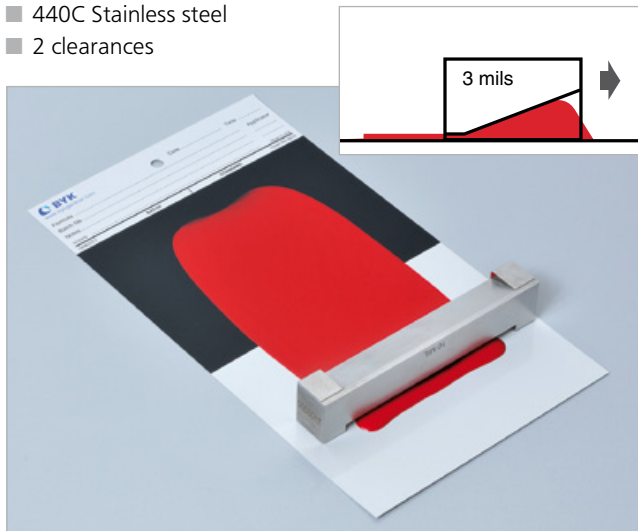
Gap Clearance	Film Width	Material
30 & 60 & 90 & 120 µm	60 mm	Stainless Steel
30 & 60 & 90 & 120 µm	80 mm	Stainless Steel
50 & 100 & 150 & 200 µm	60 mm	Stainless Steel
50 & 100 & 150 & 200 µm	80 mm	Stainless Steel
30 & 60 & 90 & 120 µm	60 mm	Stainless Steel
30 & 60 & 90 & 120 µm	80 mm	Stainless Steel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

## Multiple Clearance Applicators

Multiple Clearance Applicators combine the accuracy of fixed applicators with the versatility of multiple clearance / gap choices in one unit.

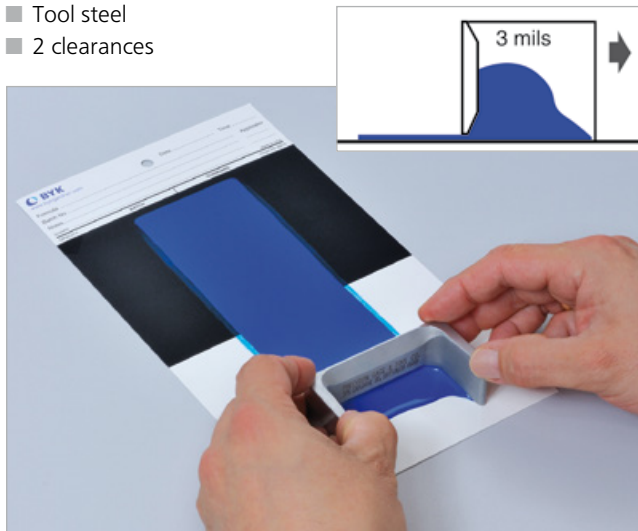
### Bar Type

- 440C Stainless steel
- 2 clearances



### U Shaped

- Tool steel
- 2 clearances



### Ordering Information

Cat. No.	Description
6957	Double Bar 2" – 2&4 mils
5302	Double Bar 2" – 6&10 mils
5303	Double Bar 3" – 2&4 mils
5304	Double Bar 3" – 6&10 mils
5305	Double Bar 4" – 2&4 mils
5306	Double Bar 4" – 6&10 mils
5307	Double Bar 5" – 2&4 mils
5308	Double Bar 5" – 6&10 mils
5309	Double Bar 6" – 2&4 mils
5310	Double Bar 6" – 6&10 mils
5326	U-Bar 2", 2&4 mils
5327	U-Bar 2", 6&10 mils
5328	U-Bar 3", 2&4 mils
5329	U-Bar 3", 6&10 mils
6948	U-Bar 4", 2 & 4 mils
5331	U-Bar 4", 6&10 mils
5332	U-Bar 5", 2&4 mils
5333	U-Bar 5", 6&10 mils
5334	U-Bar 6", 2&4 mils
5335	U-Bar 6", 6&10 mils

### Technical Specifications

Gap Clearance µm (mils)	Film Width mm (inch)	Material
50.8 & 101.6 µm (2 & 4 mils)	50.8 mm (2 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	50.8 mm (2 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	76.2 mm (3 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	76.2 mm (3 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	101.6 mm (4 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	101.6 mm (4 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	127.0 mm (5 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	127.0 mm (5 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	152.4 mm (6 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	152.4 mm (6 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	38.1 mm (1.5 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	38.1 mm (1.5 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	63.5 mm (2.5 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	63.5 mm (2.5 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	88.9 mm (3.5 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	88.9 mm (3.5 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	114.3 mm (4.5 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	114.3 mm (4.5 in)	Stainless Steel
50.8 & 101.6 µm (2 & 4 mils)	139.7 mm (5.5 in)	Stainless Steel
152.4 & 254.0 µm (6 & 10 mils)	139.7 mm (5.5 in)	Stainless Steel

#### Comes complete with:

- Applicator bar
- Reuseable storage case