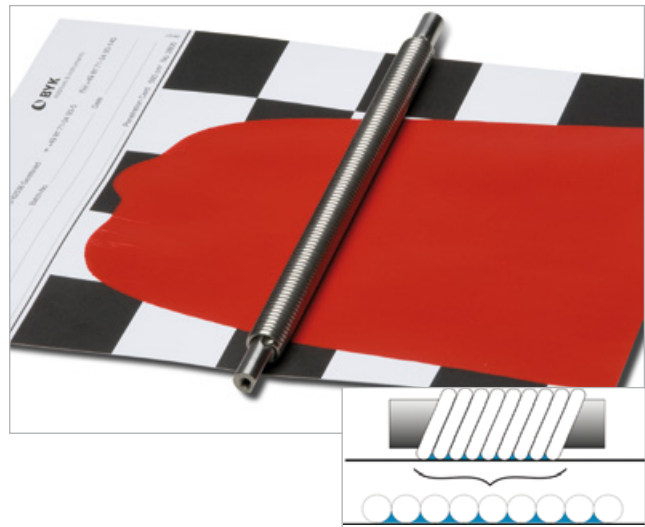


Wire-wound rods

Wire-wound rods, 200 mm film width

Each rod has a 10 mm diameter with a 200 mm film width. There is a 20 mm space on both ends to grip the rod. The rods can be attached to a holder to secure the rod during a drawdown. An adapter is also available to attach the wire-wound rods to the 2101 and 2105 Automatic Film Applicators.



Ordering Information

Cat. No.	Description
2419	Wire-wound rod 200 - 0,4 mils
2420	Wire-wound rod 200 - 0,6 mils
2421	Wire-wound rod 200 - 1 mils
2422	Wire-wound rod 200 - 2 mils
2423	Wire-wound rod 200 - 3 mils
2424	Wire-wound rod 200 - 4 mils
2425	Wire-wound rod 200 - 5 mils
2426	Wire-wound rod 200 - 6 mils
2428	Wire-wound rod 200 - 7 mils

Technical Specifications

Wet Film Thickness	Film Width	Dimensions
10 µm (0.4 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
15 µm (0.6 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
25 µm (1.0 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
50 µm (2.0 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
75 µm (3.0 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
100 µm (3.9 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
125 µm (4.9 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
150 µm (5.9 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)
200 µm (7.9 mils)	200 mm (7.9 in)	24 cm x ø 1.0 cm (9.4 in x ø 0.4 in)

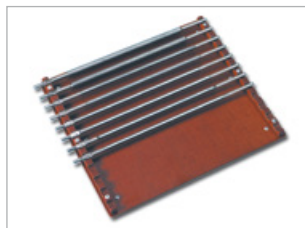
Ordering Information

Cat. No.	Description
2440	Wire-wound Rod Holder
2430	Wire-wound Rod Adapter*
4102	Wire-wound Rod Stand – 24 cm

Accessories

Information
for item numbers 2419 - 2428
for item numbers 2419 - 2428
for item numbers 2419 - 2428

*Note: Adapter lengthens the wire-wound rod to fit the 2101 and 2105 Automatic Film Applicator. Sold as a pair.



4102 – Rod Stand – 24 cm



2440 – Rod Holder

Wire-wound rods, 10" inch (254 mm) film width

Each rod is 1/2 inch in diameter and 12 inches in length, allowing 1 inch at either end to grip. The approximate wet film thickness that will result after a coating passes through the grooves between the wires and then levels off to a uniform thickness has been computed for each diameter of wire and is shown in the table below.



Ordering Information

Cat. No.	Description
4103	Wire-wound rod 10" – 0,2 mils
4104	Wire-wound rod 10" – 0,3 mils
4106	Wire-wound rod 10" – 0,4 mils
4108	Wire-wound rod 10" – 0,5 mils
4110	Wire-wound rod 10" – 0,65 mils
4112	Wire-wound rod 10" – 0,8 mils
4116	Wire-wound rod 10" – 1 mil
4122	Wire-wound rod 10" – 1,5 mils
4128	Wire-wound rod 10" – 2 mils
4134	Wire-wound rod 10" – 2,5 mils
4140	Wire-wound rod 10" – 3 mils
4152	Wire-wound rod 10" – 4 mils

Technical Specifications

Wet Film mils	Thickness microns	Wire mils	Diameter mm	Dimensions
0.2	5	3	0.075	1.3 x 30.5 cm (0.5 x 12")
0.3	8	4	0.10	1.3 x 30.5 cm (0.5 x 12")
0.4	10	6	0.15	1.3 x 30.5 cm (0.5 x 12")
0.5	13	8	0.20	1.3 x 30.5 cm (0.5 x 12")
0.65	16	10	0.25	1.3 x 30.5 cm (0.5 x 12")
0.8	20	12	0.30	1.3 x 30.5 cm (0.5 x 12")
1.0	25	16	0.41	1.3 x 30.5 cm (0.5 x 12")
1.5	38	22	0.56	1.3 x 30.5 cm (0.5 x 12")
2.0	50	28	0.71	1.3 x 30.5 cm (0.5 x 12")
2.5	63	34	0.86	1.3 x 30.5 cm (0.5 x 12")
3.0	75	40	1.02	1.3 x 30.5 cm (0.5 x 12")
4.0	100	52	1.32	1.3 x 30.5 cm (0.5 x 12")

Note: Additional rod sizes are available upon request.

A complete set of 12 wire-wound rods can be ordered. This will allow for a large range of wet film thickness capability from 0.2 mils (5 microns) to 4.0 mils (100 microns). A convenient bench stand comes with the set for easy handling and storage.

Ordering Information

Cat. No.	Description
4100	Wire-wound rod set 10
4101	Wire-wound rod Stand

Accessories

Dimensions	Net Weight	Shipping Weight
30.4 x 26.0 x 3.8 cm (12 x 10.25 x 1.5 in)	3.8 kg (8.5 lbs)	5.4 kg (12 lbs)
29.5 x 26.0 x 2.8 cm (11.6 x 10.25 x 1.1 in)	0.4 kg (0.9 lbs)	0.9 kg (2 lbs)

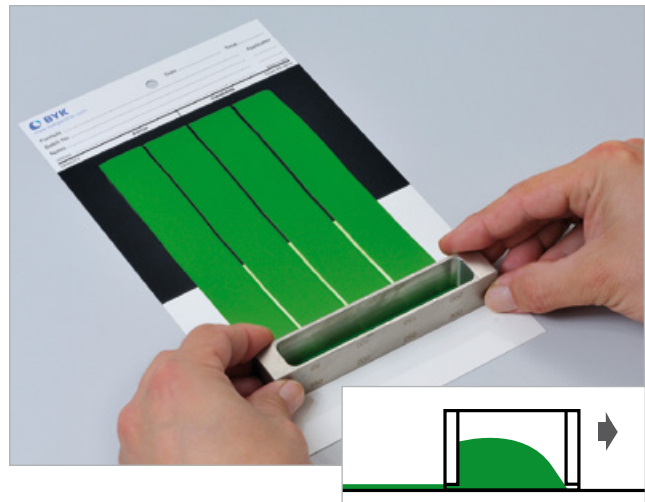
Comes complete with:

Wire-wound rod set:
12 wire-wound rods
Bench stand

Step Gap Film Applicator

This applicator produces film thickness increasing step by step. Provides an easy comparison of opacity changes based on film thickness differences.

- 4 clearances with 4 steps each
- Film width is 25 mm per step



Ordering Information

Cat. No.	Description
2120	Step Gap Frame

Comes complete with:

Applicator Frame
Storage case

Technical Specifications

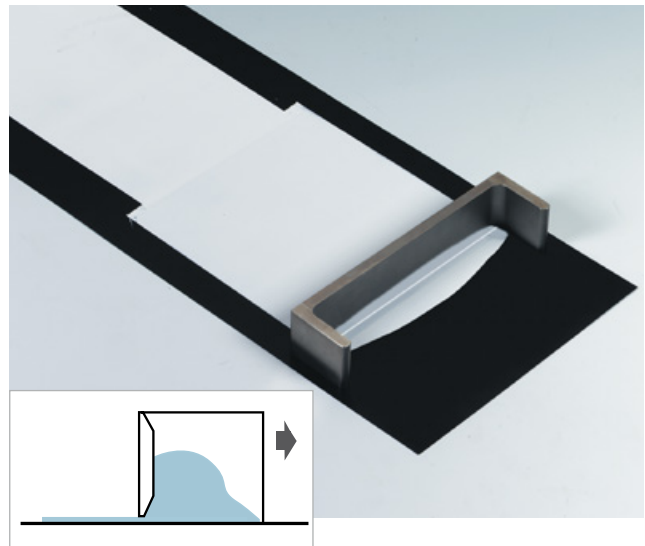
Gap Clearance (µm)	Film Width	Material
25 & 50 & 75 & 100 µm	4 x 25 mm	Stainless Steel
50 & 100 & 150 & 200 µm		
150 & 200 & 250 & 300 µm		
300 & 350 & 400 & 450 µm		

Dow Latex Film Applicator

A U-shaped film applicator designed to allow the application of a second coat of paint directly upon a hardened first coat while the ends of the applicator remain on the uncoated panel surface. The gap on one edge of the Dow Applicator has both greater clearance and width than the gap on the other edge.

Paint is applied within the channel formed by the "U" shape of the bar; as the bar is drawn down, the pool of paint is contained within the channel, yielding a consistent width.

- Allows two coats on a single substrate



Standards

ASTM	D 823, D 2486, D 3258
Federal Spec.	TT-P

Ordering Information

Cat. No.	Description
2230	Dow Latex Applicator

Comes complete with:

Applicator
Storage case

Technical Specifications

Gap Clearance	Film Width	Material
175 and 250 µm (7 and 10 mil)	13.3 and 14 cm (5.25 and 5.5 in)	Stainless Steel