

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 Automatic Film Applicator.



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 - 8 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



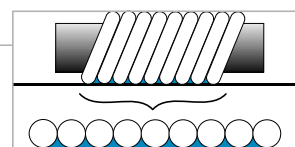
2440 – Rod Holder

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.



4101 Rod Stand - 10"



Standards

ASTM 4147



Ordering Information

Cat. No.	Description	Technical Specifications				
		Wet Film mils	Thickness microns	Wire mils	Diameter mm	Dimensions
4103	Wire-wound rod 10" – 0.2 mils	0.2	5	3	0.075	1.3 x 30.5 cm (0.5 x 12")
4104	Wire-wound rod 10" – 0.3 mils	0.3	8	4	0.10	1.3 x 30.5 cm (0.5 x 12")
4106	Wire-wound rod 10" – 0.4 mils	0.4	10	6	0.15	1.3 x 30.5 cm (0.5 x 12")
4108	Wire-wound rod 10" – 0.5 mils	0.5	13	8	0.20	1.3 x 30.5 cm (0.5 x 12")
4110	Wire-wound rod 10" – 0.65 mils	0.65	16	10	0.25	1.3 x 30.5 cm (0.5 x 12")
4112	Wire-wound rod 10" – 0.8 mils	0.8	20	12	0.30	1.3 x 30.5 cm (0.5 x 12")
4116	Wire-wound rod 10" – 1 mil	1.0	25	16	0.41	1.3 x 30.5 cm (0.5 x 12")
4122	Wire-wound rod 10" – 1.5 mils	1.5	38	22	0.56	1.3 x 30.5 cm (0.5 x 12")
4128	Wire-wound rod 10" – 2 mils	2.0	50	28	0.71	1.3 x 30.5 cm (0.5 x 12")
4134	Wire-wound rod 10" – 2.5 mils	2.5	63	34	0.86	1.3 x 30.5 cm (0.5 x 12")
4140	Wire-wound rod 10" – 3 mils	3.0	75	40	1.02	1.3 x 30.5 cm (0.5 x 12")
4152	Wire-wound rod 10" – 4 mils	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	Accessories		
		Dimensions	Net Weight	Shipping Weight
4100	Wire-wound rod set of 12	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)
4101	Wire-wound rod Stand	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