

# Mayer Drawdown Rods 10 inch

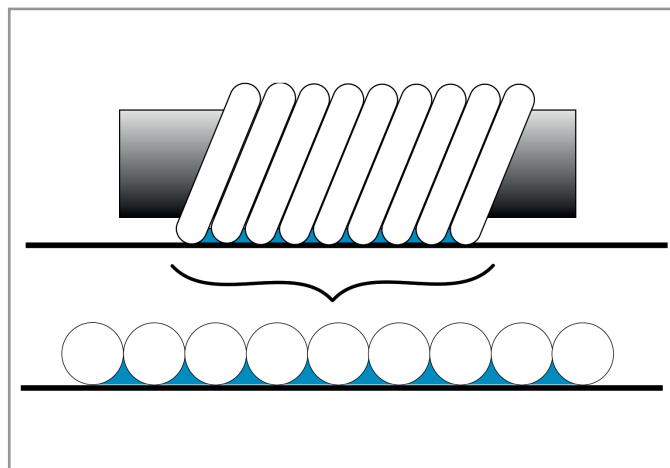
Wire-wound metering rods, often called "Mayer rods" popularized after their inventor Charles Mayer who developed the rods in the 1920's, are stainless steel rods tightly wrapped with stainless steel wire.

The 10 inch wire wound rods have dimensions specified for the North American market. 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.



Ideal for uniform drawdowns of thin films

- One inch of space on both ends for easy handling
- Optional bench stand to organize the rods during storage
- Can be ordered in a set of 12 wire rods
- Made from 300 series stainless steel



Catalog Number	Short Description	Wet Film Thickness	Wire Diameter	Film Width	Qty/Box	Dimensions	
4100	Wire-wound rod set 10"			• 10 in	12	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4103	Wire-wound rod 10" - 0,2 mils	0.2 mil	3 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4104	Wire-wound rod 10" - 0,3 mils	0.3 mil	4 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4106	Wire-wound rod 10" - 0,4 mils	0.4 mil	6 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4108	Wire-wound rod 10" - 0,5 mils	0.5 mil	8 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4110	Wire-wound rod 10" - 0,65 mils	0.65 mil	10 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4112	Wire-wound rod 10" - 0,8 mils	0.8 mil	12 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4116	Wire-wound rod 10" - 1 mil	1.0 mil	16 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4122	Wire-wound rod 10" - 1,5 mils	1.5 mil	22 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4128	Wire-wound rod 10" - 2 mils	2 mil	28 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4134	Wire-wound rod 10" - 2,5 mils	2.5 mil	34 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4140	Wire-wound rod 10" - 3 mils	3.0 mil	40 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in
4152	Wire-wound rod 10" - 4 mils	4.0 mil	52 mil	• 10 in	1	Ø 1.3 x 30.5 cm	Ø 0.5 x 12 in

#### Delivery Content

Drawdown Rod

## Standards

ASTM D4147

Catalog Number	Short Description	Delivery Content
4100	Wire-wound rod set 10"	12 wire-wound rods, cat. no. 4103 – 4152 Wire-wound rod Stand - 10" (4101)
4101	Wire-wound rod Stand - 10"	
11210	Glass Drawdown Plate 14" X 16"	
4262	Drawdown Plate, Glass	
3876	Vacuum Plate S, black anodized, 9x12"	Vacuum plate 2 x Hose fitting (one to fit 1/4" tubing and one for 3/8" tubing) Rubber footings
3882	Vacuum Plate, Stainless Steel 9x12"	Vacuum plate 2 x Hose fitting (one to fit 1/4" tubing and one for 3/8" tubing) Rubber footings
11205	Vacuum Plate, Aluminum 12x18"	
12647	Scrub Brush for PAT Kit	
15462	Tray with Strap Handle 17 x 4 x 2-1/8"	