Formed Rods: width 200mm, wft 120µm

BGD 214-120

Product Description

Traditional wire bar coaters are wire-wound rods (also known as twine rods with steel wires). The fine wire on the surface can easily become loose or break, and the rods are difficult to clean. Moreover, they are not suitable for producing ultra-thin coatings.

Solvica Formed Rods are manufactured using precision molds and a cold extrusion technique to create uniform wavy grooves on the surface, providing consistent coating performance equivalent to traditional wire bar coaters.





Features:

- CNC-machined with precision molds; the deviation of groove depth and spacing is less than 2 µm, ensuring high film uniformity
- Extended service life without loose or broken steel wires
- Smooth curved surface allows easy cleaning
- Suitable for ultra-thin coatings; the minimum achievable wet film thickness is 6 µm, making it an ideal solution for high-precision applications

Technical Specification

- Wet Film Thickness: 120 µm
- Wet film length: 200 mm
- Rod length: 240 mm
- Holding section length: 20 mm at each end

Note: All rods supplied by Solvica are designated according to their wire diameter or groove depth. For example, a wire-wound rod with a wire diameter of 1.0 mm is designated as a 100 µm rod. This designation refers to the theoretical wet film thickness; the actual wet film thickness achieved is approximately 75–80% of the theoretical value

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Main Technical Parameters

	Wet Film Thickness (µm)
BGD 214/6	6
BGD 214/8	8
BGD 214/10	10
BGD 214/12	12
BGD 214/15	15
BGD 214/20	20
BGD 214/25	25
BGD 214/30	30
BGD 214/40	40
BGD 214/50	50
BGD 214/60	60
BGD 214/80	80
BGD 214/100	100
BGD 214/120	120
BGD 214/150	150
BGD 214/200	200

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Accessories

- BGD 1152 - Holder for Wire Bar for BGD 212 & 214

Disclaimer

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