

Certified Coated Metal Plates & Certified Polystyrene Blocks

Certified coated metal plates and polystyrene blocks are ideal for verifying the accuracy and operation of coating thickness gages and are an important component in fulfilling both ISO and in-house quality control requirements.

Many organizations require verification of gage accuracy at the test site each time a coating thickness gage is put into service and at frequent intervals during use. Ideal for this purpose, DeFelsko certified coating thickness standards have measured values traceable to a National Metrology Institution.

- Used to verify the accuracy and operation of any Type 1 (mechanical) and Type 2 (electronic) magnetic, eddy-current or ultrasonic coating thickness gage
- Ideal for use in the calibration lab, in the field or on the factory floor
- Standards with steel or aluminum substrates consist of 4 plates mounted in a protective binder
- Polystyrene thickness standards consist of 4 blocks supplied in a rugged acrylic storage box
- Individually serialized for traceability to NIST or PTB - includes a Certificate of Calibration
- Certified and labeled in both Metric and Imperial units



Zero Plates available for both Certified Coated Metal Plates and Certified Polystyrene Blocks.

Specifications & Ordering Guide

Certified Coated Metal Plates

Select the Standard that most closely matches the measuring range of your gage.

Order Code	Ideal for	Approximate Thickness				Coating/ Substrate	Accuracy
		Plate 1	Plate 2	Plate 3	Plate 4		
S1	PosiTector 6000 F, FS, FRS, FN, FNS, FNRS, FXS*, FNDS PosiTest F & FM	0	75 µm 3 mils	250 µm 10 mils	1500 µm 60 mils	Epoxy on Steel (Ferrous)	± 0.43 µm ± 0.017 mil
S2	PosiTector 6000 F0S, F45S, F90S, F90ES PosiTest DFT Ferrous & Combo	0	75 µm 3 mils	250 µm 10 mils	1000 µm 40 mils		
S3	PosiTest G & GM PosiPen A, B & C	0	15 µm 0.6 mils	40 µm 1.6 mils	100 µm 4 mils		
S4	PosiTector 6000 FXS*	0	75 µm 3 mils	1000 µm 40 mils	1900 µm 75 mils		
A1	PosiTector 6000 N, NS, NRS, FN, FNS, FNRS, FNDS	0	75 µm 3 mils	250 µm 10 mils	1500 µm 60 mils	Epoxy on Aluminum (Non-Ferrous)	± 0.43 µm ± 0.017 mil
A2	PosiTector 6000 NAS, NOS, N45S, N90S PosiTest DFT Combo	0	75 µm 3 mils	250 µm 10 mils	500 µm 20 mils		
A3	PosiTector 100B, 200, 200B	75 µm 3 mils	125 µm 5 mils	250 µm 10 mils	500 µm 20 mils		

*PosiTector FXS probes with a range of 0-1500 µm (0-60 mils) and Serial Numbers <361485 should use the S1 Standard.

All certified standards are supplied with a Certificate of Calibration traceable to NIST or PTB.

Plate Diameter: 38 mm (1.5") Measurement Diameter: 25 mm (1")

Certified Polystyrene Blocks

Select the Standard that most closely matches the measuring range of your gage.

Order Code	Ideal for	Approximate Thickness				Accuracy
		Block 1	Block 2	Block 3	Block 4	
P1	PosiTector 6000 FT, FTS, NTS, FNNTS, FTRS PosiTector 200 D	375 µm 15 mils	2 mm 80 mils	4.5 mm 185 mils	6.5 mm 250 mils	± (2.5 µm + 0.05% of thickness) ± (0.1 mil + 0.05% of thickness)
P2	PosiTector 6000 FHS, FJS, NHS, EOC	2.5 mm 100 mils	6.5 mm 250 mils	13 mm 500 mils	19 mm 750 mils	
P3	PosiTector 100 C	375 µm 15 mils	1.5 mm 60 mils	2.5 mm 100 mils	4.5 mm 185 mils	
P4	PosiTector 100 D	1.5 mm 60 mils	2.5 mm 100 mils	4.5 mm 185 mils	6.5 mm 250 mils	
P5	PosiTector 6000 FKS, NKS	1.5 mm 60 mils	2.5 mm 100 mils	6.5 mm 250 mils	12 mm 480 mils	
P6	PosiTector 200 C	375 µm 15 mils	1.5 mm 60 mils	2.5 mm 100 mils	3 mm 125 mils	
P7	PosiTector 6000 FHXS	1.5 mm 60 mils	4.5 mm 185 mils	6.5 mm 250 mils	9.5 mm 375 mils	
P8	PosiTector 6000 FNCS, FLS	13 mm 500 mils	13 mm 500 mils	13 mm 500 mils	19 mm 750 mils	

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P1-P7 Blocks: 38 x 70 mm (1.5" x 2.75") P8 Blocks: 76 x 76 mm (3.0" x 3.0")



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