The Reflectivity Test of Different Material on Lead Plate Surfaces

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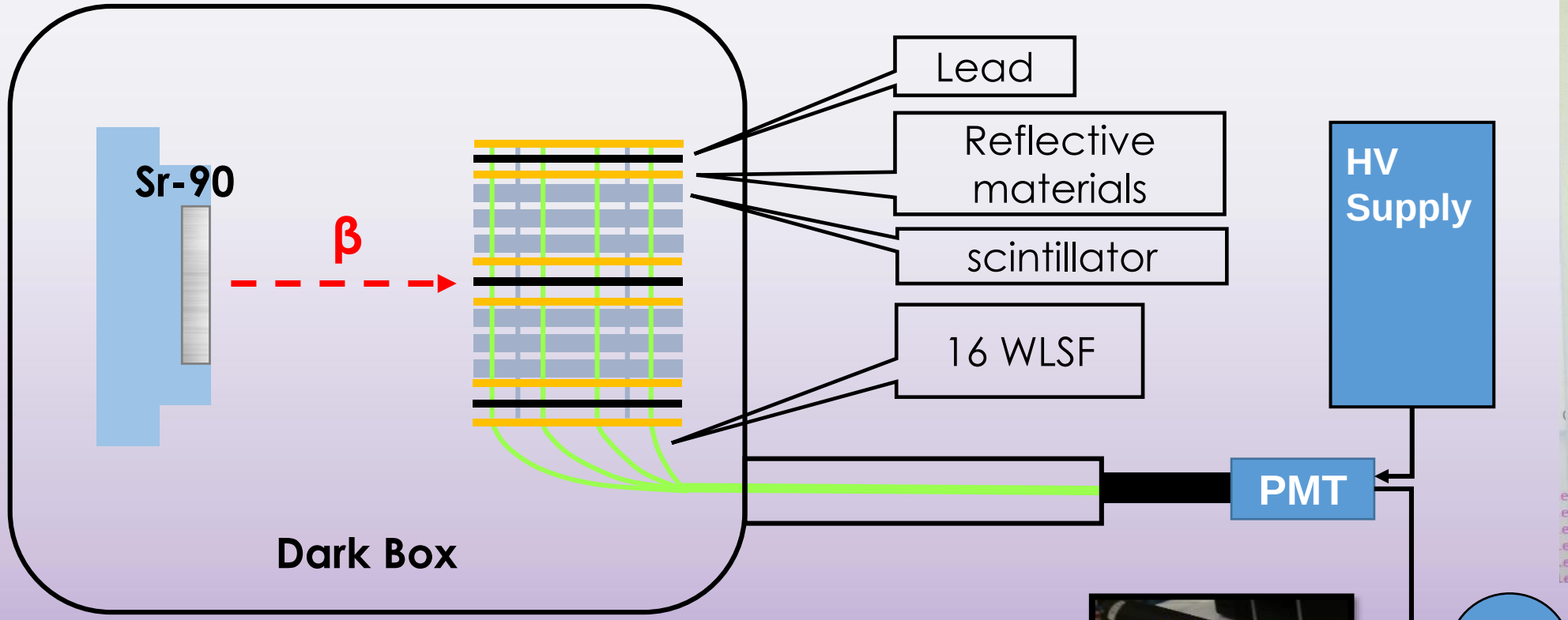
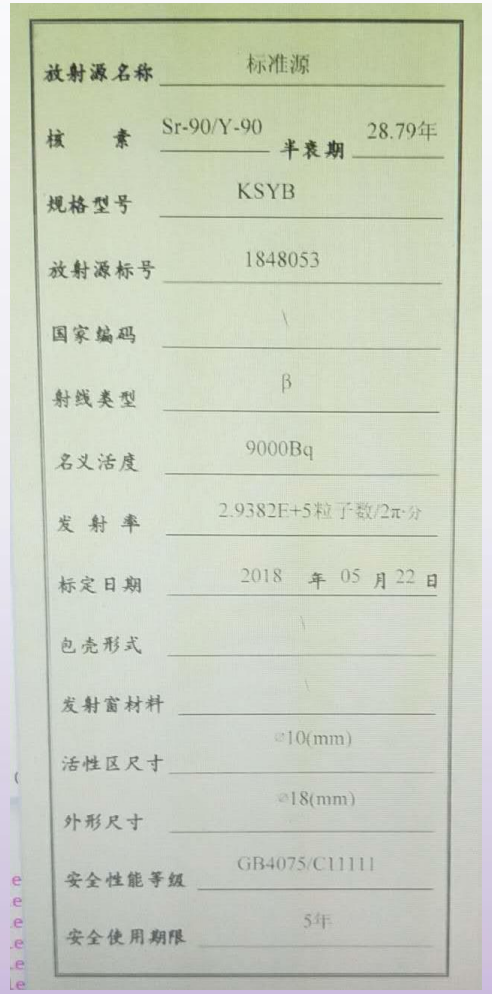
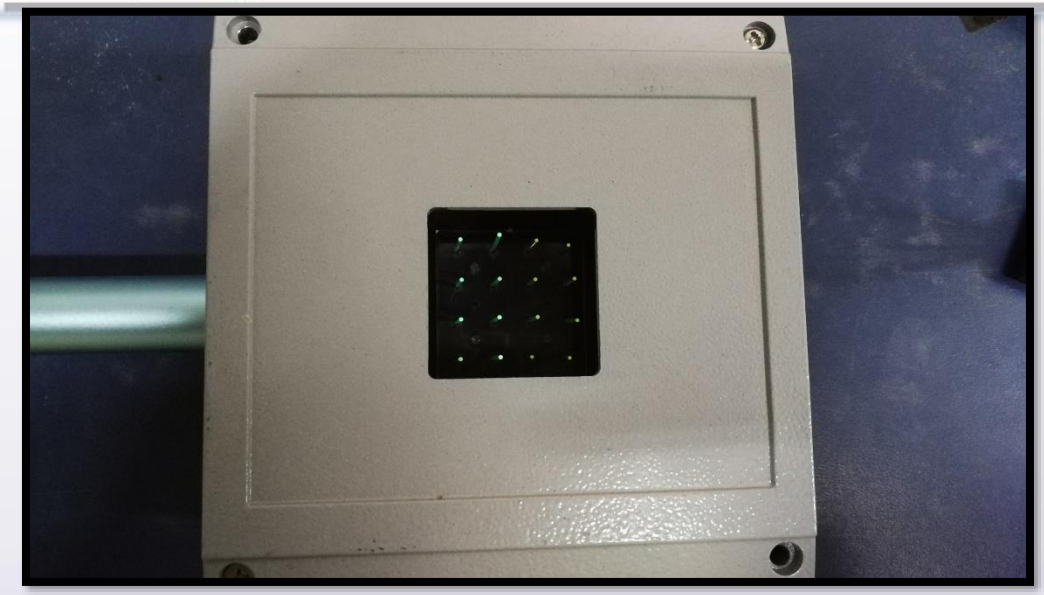
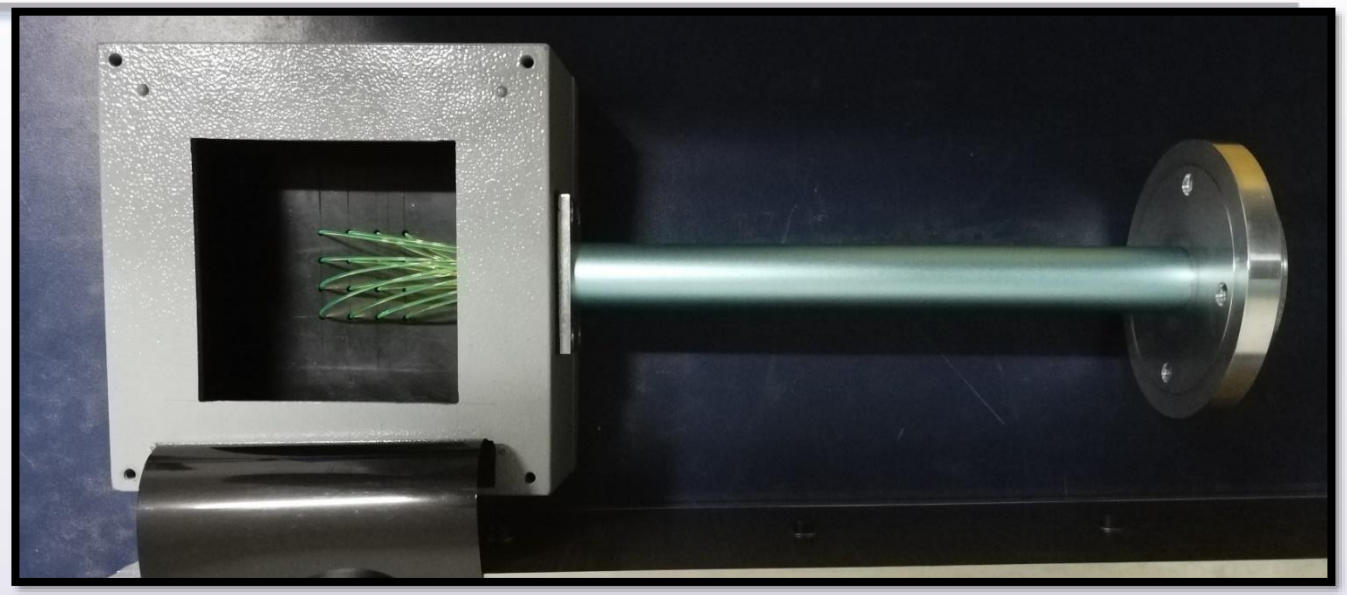
The Structure of Test

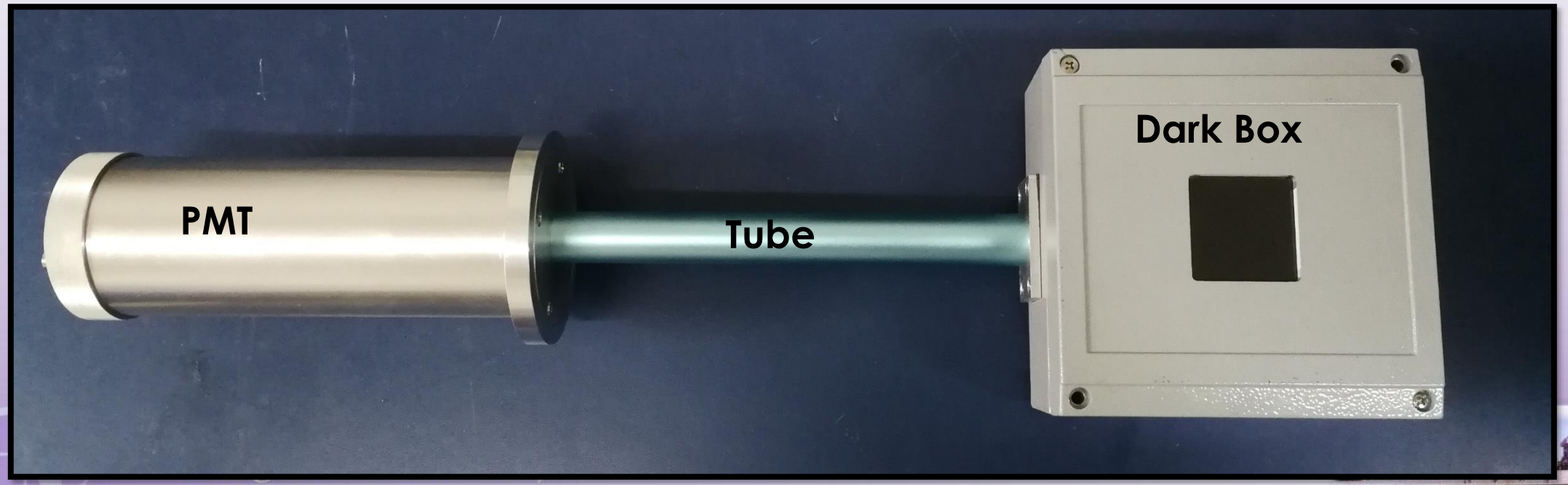




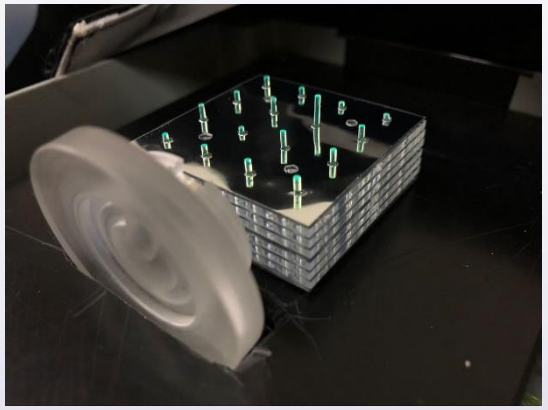
The Photo of Text Box

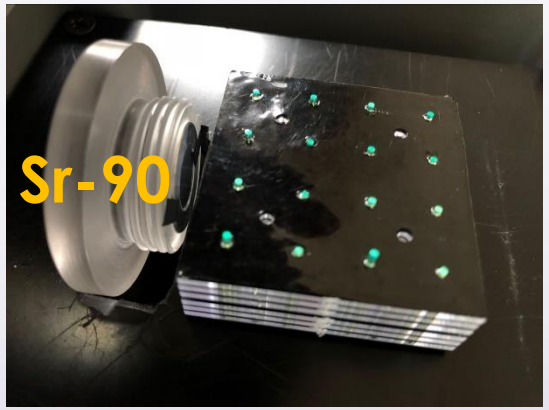


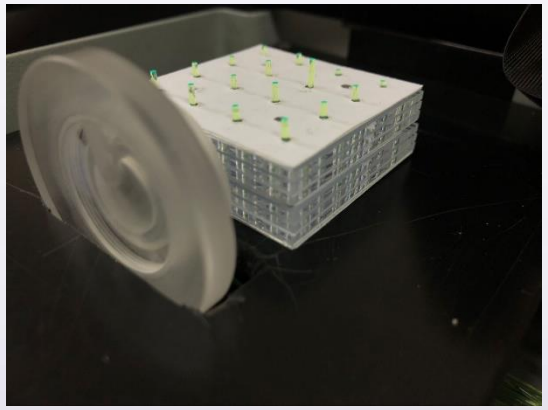


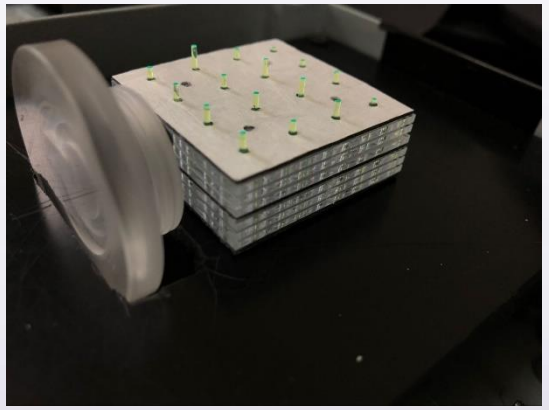


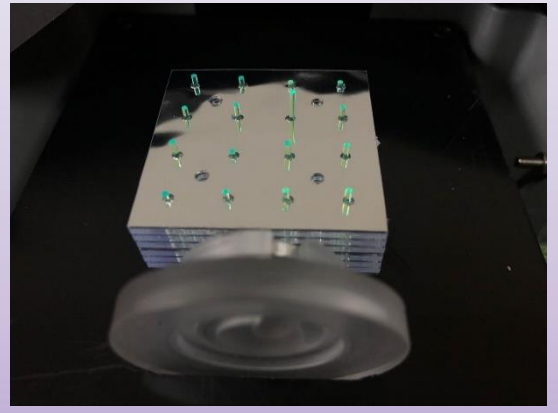
The photo of text with different materials

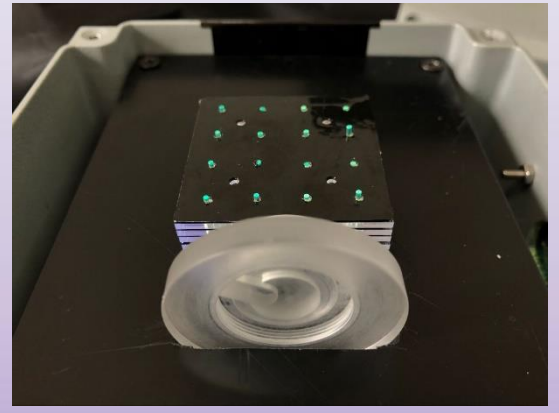


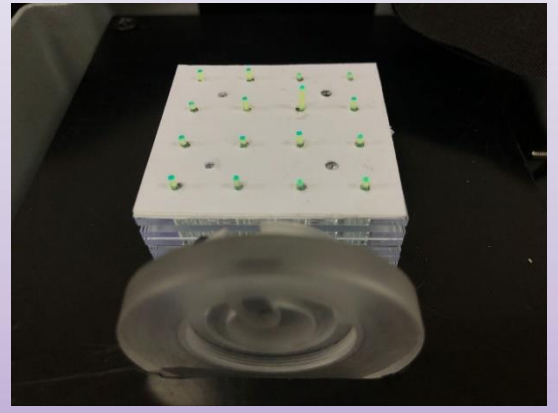


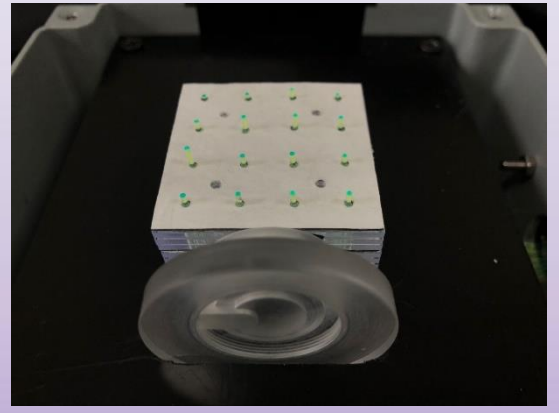




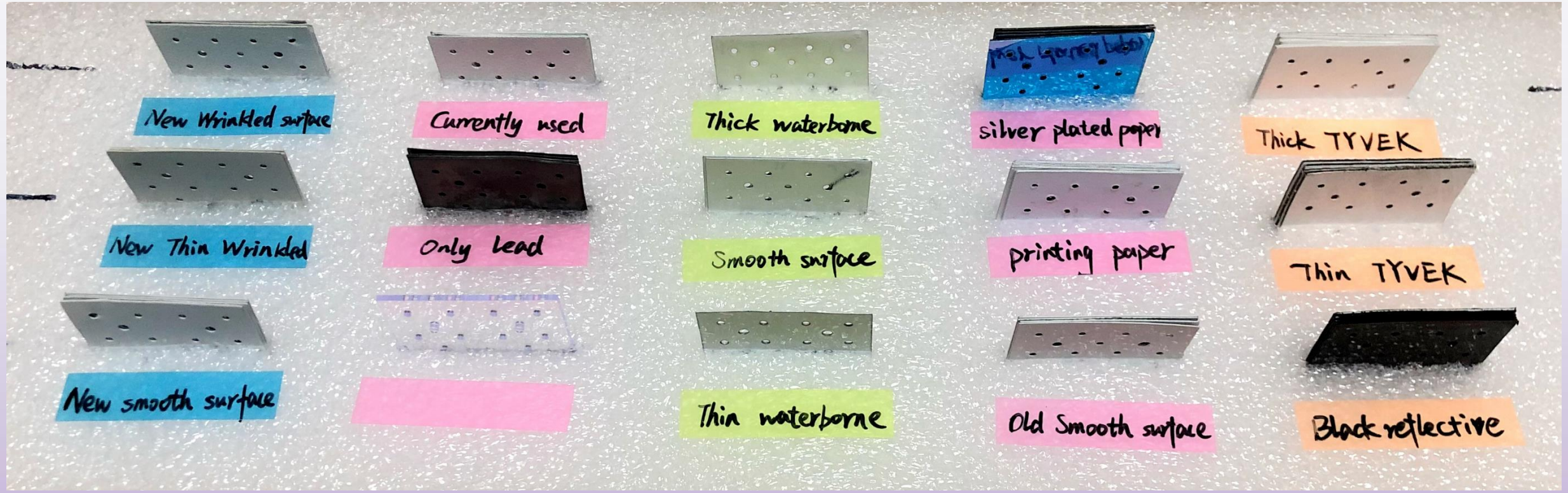








Reflective materials on lead plate from different factory



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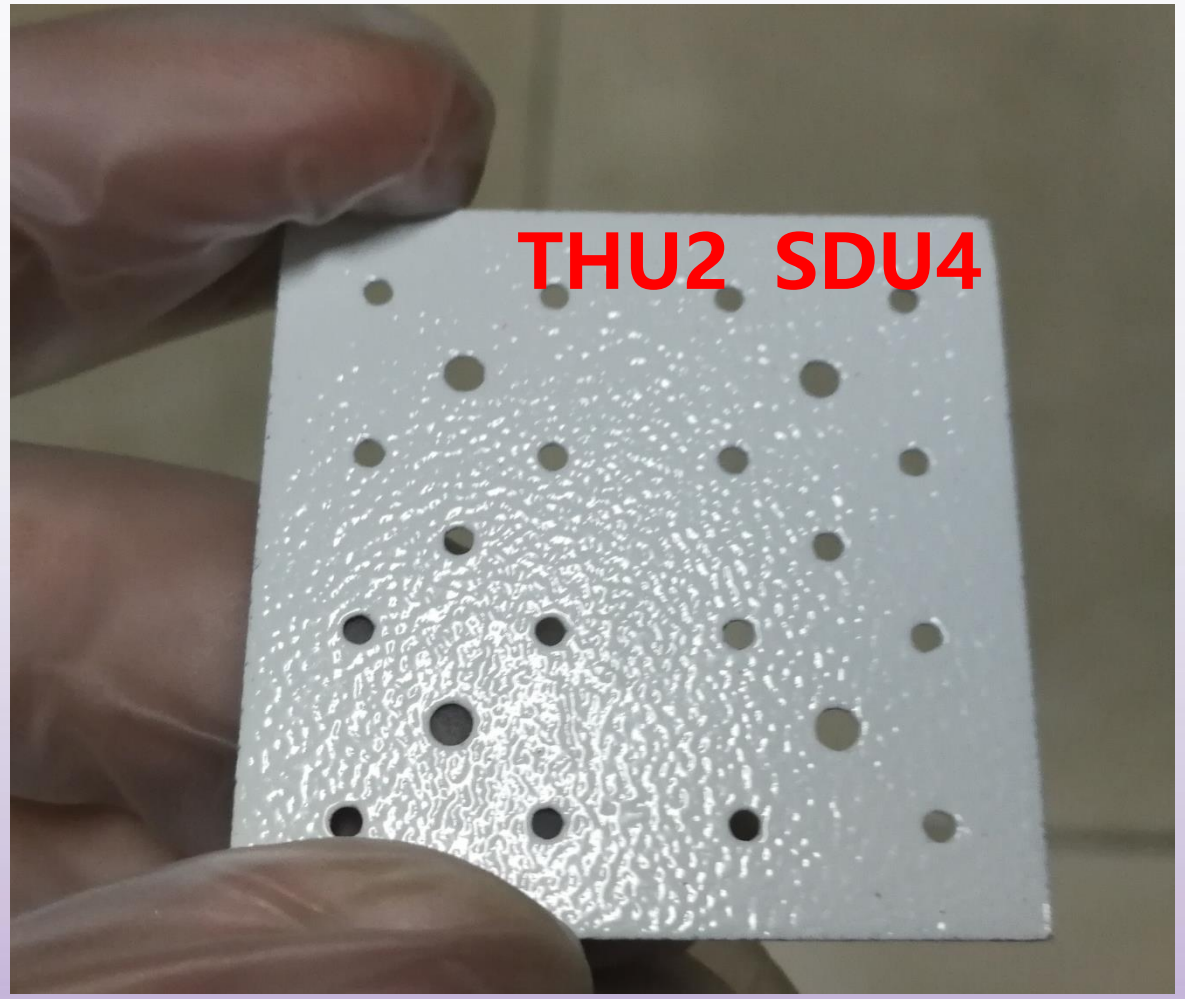
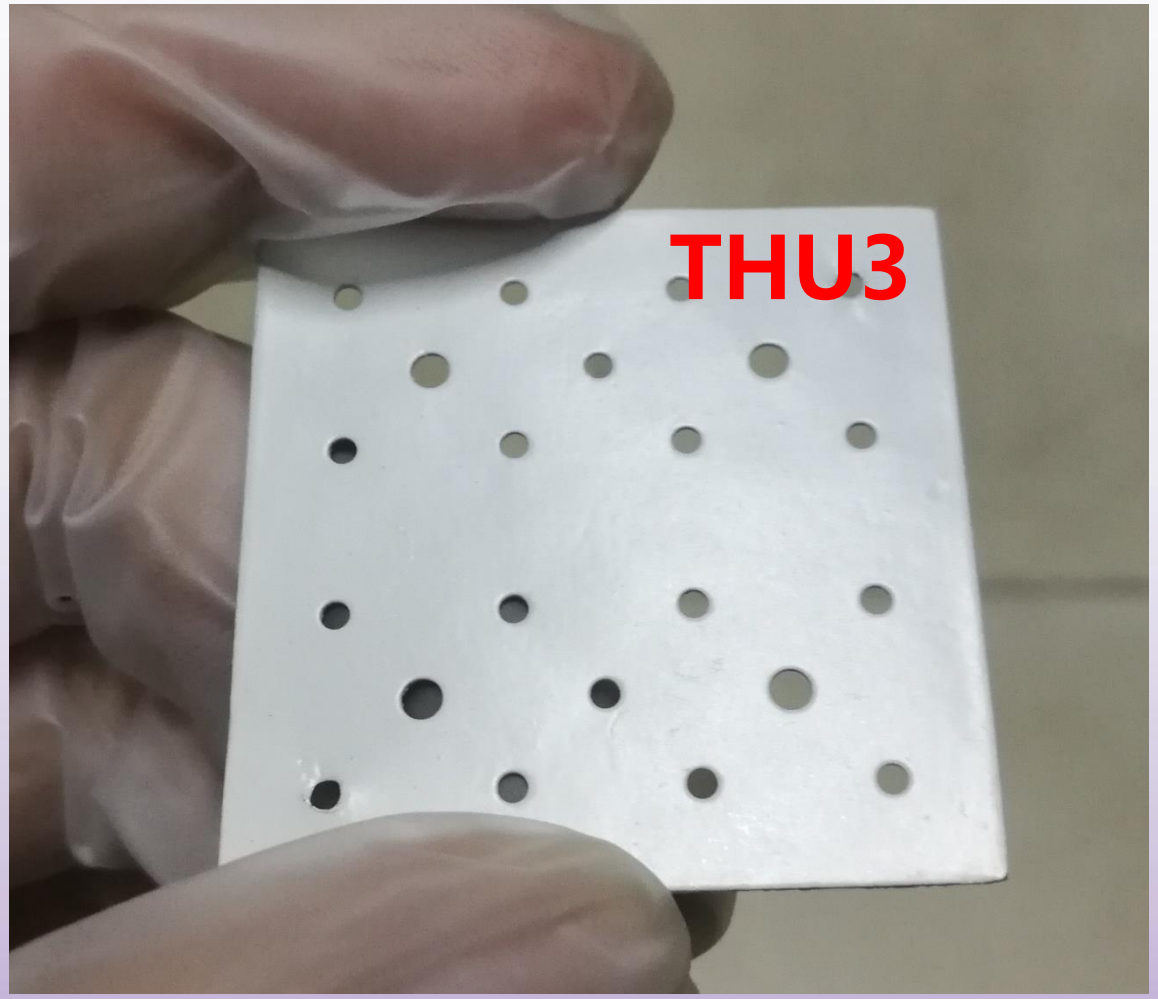
The Test Datas And Results

Material	VoltageU1(V)	Background voltageU2(V)	U1-U2(V)	Reflectivity	Thickness (μm)	Total thickness (mm)	
Thick TYVEK	0.54	0.045	0.495	0.870	544.5	1.389	
Thin TYVEK	0.5	0.045	0.455	0.800	181	0.662	Reference
New Wrinkled surface	0.49	0.035	0.455	0.800	104	0.508	Thickness×
Smooth surface	0.5	0.055	0.445	0.782	62	0.424	Price×
New smooth surface	0.45	0.035	0.415	0.730	62.5	0.425	THU3
Print paper	0.44	0.035	0.405	0.712	124	0.548	
Old smooth surface	0.45	0.045	0.405	0.712	61.5	0.423	
Currently used	0.45	0.045	0.405	0.712	81.5	0.463	THU2 SDU4
Thin wrinkled surface	0.43	0.035	0.395	0.695	70.5	0.441	
Thin waterborne surface	0.44	0.045	0.395	0.695	61	0.422	
Thick waterborne surface	0.43	0.035	0.395	0.695	116	0.532	
Silver plated paper	0.43	0.035	0.395	0.695	145	0.59	
Only lead	0.42	0.035	0.385	0.677	0	0.35	
Black reflective surface	0.42	0.045	0.375	0.659	137	0.574	


THU2 SDU4


THU3