

MEDICAL X-RAY SHIELDING CORE MATERIAL



ASTM F2547-18



FDA Certification
Food Grade



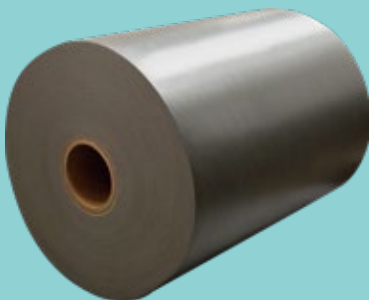
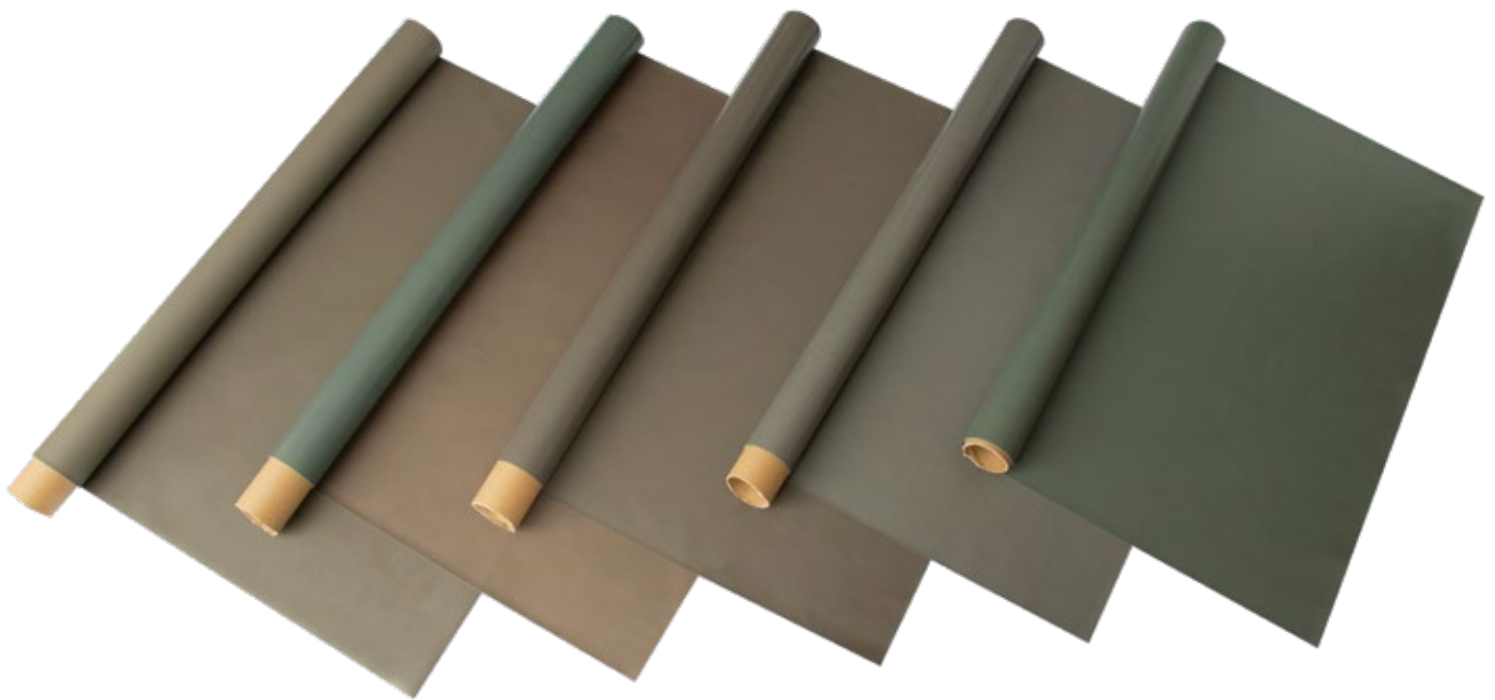
61331-1:2014



IEC61131-1:2014
standard



Quality Management System
Certification ISO9001 and ISO13485



lead

3.6 kg/m ²	um 2.6 kg/m ²
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30%lighter
Than Lead



Lead Free
Latex Free



Flexible
Light-weight



Superior Radiation
Shielding Capability

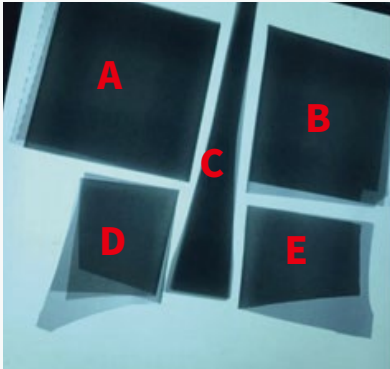


Customized
Available

PRODUCT SPECIFICATIONS

	SUM			UM			NPL			IEC NPL			MS-A			ML		
Pb-equivalence (mmPb)	0.125	0.175	0.25	0.125	0.175	0.25	0.125	0.175	0.25	0.125	0.175	0.25	0.125	0.175	0.25	0.125	0.175	0.25
Protection	Narrow Beam: 80-100kV			Narrow Beam: 70-110kV			Broad Beam: 60-110KV			Broad Beam: 60-150KV			Narrow Beam: 90-110kV			Narrow Beam: 90-110kV		
Weight (kg/m²)	1.3	1.95	2.6	1.40	2.10	2.80	1.45	2.12	2.83	1.5	2.10	3.0	1.5	2.25	3.0	1.8	2.7	3.6
Thickness	0.33	0.51	0.66	0.36	0.54	0.72	0.36	0.51	0.71	0.36	0.54	0.74	0.39	0.58	0.78	0.48	0.72	0.94
Width	1200mm/1220mm/1380mm																	
Length	15m/20m																	
Hardness Shore A	70±2A																	
Use area	America and its surroundings						Europe						America and its surroundings			Asia		
Colour	Brown						Brown+Grey-green						Grey-green			Brown		
Cerification	ASTM test Method F2547-18						IEC EN61331-1:2014						ASTM test Method F2547-18			GBZ/T147-2020		
Advantage	Lead Free/ Super-lightweight						Bi-Layer Lead Free/ lightweight						Lead Free/ High cost performance			Lead Free/ Lowest price		

SHIELDING PERFORMANCE TESTING

Testing Samples: (all are 0.25mmPb)	Shielding Performance Image	Testing Result
(Sample A) normal Lead rubber (Sample B) imported light lead (Sample C) radbar - LEAD FREE (Sample D) imported lead free (Sample E) other lead free		From the testing image, radbar - LEAD FREE image is darker and more eve, radbar - LEAD FREE has better shielding efficiency than normal lead rubber, imported light-lead or Lead-free rubber.



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