

LEAD-FREE X-RAY CURTAINS FOR SECURITY

X-ray radiation protection curtains serve as essential shielding material in the x-ray scanners, protecting people from harmful radiation exposure.

NEWLIFE curtains material are an independently developed non-toxic lead-free material. The materials are compliance with FDA and RoHs requirement while offering superior radiation shielding efficiency. It can replace traditional lead materials with higher radiation shielding.



Product Features:



High shielding efficiency

20%+ higher in shielding efficiency per unit weight compared to traditional lead materials, under the same protection efficiency



Lead-free, non-toxic, recyclable

Complied with RoHs and FDA directly food contact requirement
Lead free, easily to disposal and recycle as normal waste, reduce dangerous waste.



Lightweight, Smooth operation, No jamming.

Ultra-lightweight design allows small bags and parcels are much easier to pass through
Improving the scanner efficiency and reducing human intervention.



Excellent abrasion resistance and flexibility

Excellent abrasion resistance and flexibility Bag-pass is more than 5 million+ times.



Customized for size and printing

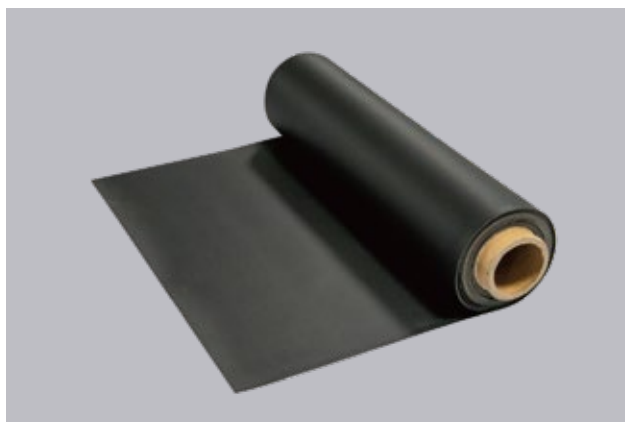
Available for large rolls, pre-cut OEM full set panels, or single strips.
Available for custom printing options for branding or advertising purposes.

Product Specifications:

Material Type	BaseShield	ProShield	UltraShield
Matric material	Lead Free Material		
Surface Finish	High Abrasion Vinyl Film(VBK) or Fabric Coating(FBK), Black Color		
Pb lead equivalent	0.35/0.5/0.6/1.0mmPb customized, range from 0.125mm~2.0mmPb		
Tube Voltage	≤160kV	≤120kV	≤160kV
Weight(kg/m ²)	7~8kgs/0.35mmPb	6.3~6.6kgs/0.35mmPb	4.3~4.5kgs/0.35mmPb
Advantage	Cost effective	Widely used	Light Weight
Max Width	1200mm		
Temperature range	-40°C ~ 70°C		
Customized	Available for large rolls, pre-cut OEM full set panels, or single strips. Available for custom printing options for branding or advertising purposes.		

Product Application:

It is widely used in public security detection system, including scanners for security checkpoint, parcel, baggage and cargo.



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