

## AIC Lead -free security scanners curtain

AIC Lead-Free Shielding curtain are manufactured with Green composite and Rare earth metal mixed, same as lead also absorb or break down radiation, an identical shielding effect is obtained.

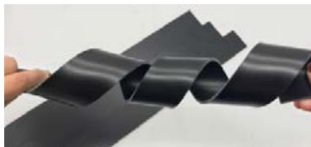
AIC Lead-Free shielding materials is a new, high-performance and ultra-lightweight radiation protection material.



### Application field

X ray baggage Inspection scanner

Mobile inspection vehicle



## Product Feature

Abrasion resistant lead free rubber /cloth coating (both sides)

Synthetic fabric layer inner

Lead free Green composite material (RoHS certificate)

## Technical Data

0.5mmpb lead equivalent(Recommend tube voltage:160 kV)

Product Code 产品型号	Main material 主要材料	Surface material 表面材料	Color 颜色	Physical thickness 物理厚度	Weight 重量	Tensile strength 拉伸强度	Hardness 硬度	Stripping rate 剥离
LFSC/050-160/279 FBK (Standard)	Lead free	Fabric coating	Black	2.1mm±0.1mm	8.2kg±0.1kg/m <sup>2</sup>	18Mpa	Shore A (83A)	> 5 N/cm
LFSC/050-160/264 FBK (Lightweight)	Lead free	Fabric coating	Black	1.9mm±0.1mm	7.8kg±0.1kg/m <sup>2</sup> (5% lighter than lead curtain)	18Mpa	Shore A (83A)	> 5 N/cm
LFSC/050-160/272 FBK (Superlight)	Lead free	Fabric coating	Black	1.7mm±0.1mm	6.9kg±0.1kg/m <sup>2</sup> (15% lighter than lead curtain)	18Mpa	Shore A (83A)	> 5 N/cm

0.35mmpb lead equivalent(Recommend tube voltage:140-160kV)

Product Code 产品型号	Main material 主要材料	Surface material 表面材料	Color 颜色	Physical thickness 物理厚度	Weight 重量	Tensile strength 拉伸强度	Hardness 硬度	Stripping rate 剥离
LFSC/035-160/38 FBK (Standard)	Lead free	Fabric coating	Black	2.0mm±0.1mm	6.4kg±0.1kg/m <sup>2</sup>	18Mpa	Shore A (83A)	> 5 N/cm
LFSC/035-160/279 FBK (Lightweight)	Lead free	Fabric coating	Black	1.5mm±0.1mm	6.0kg±0.1kg/m <sup>2</sup>	10Mpa	Shore A (83A)	> 5 N/cm
LFSC/035-160/272 FBK (Superlight)	Lead free	Fabric coating	Black	1.1mm±0.1mm	4.6kg±0.1kg/m <sup>2</sup>	32Mpa	Shore A (83A)	>15N/cm

0.35mmpb lead equivalent(Recommend tube voltage:80kV)

Product Code 产品型号	Main material 主要材料	Surface material 表面材料	Color 颜色	Physical thickness 物理厚度	Weight 重量	Tensile strength 拉伸强度	Hardness 硬度	Stripping rate 剥离
LFSC/035-80/38 FBK	Lead free	Fabric coating	Black	1.5mm±0.1mm	4.7kg±0.1kg/m <sup>2</sup>	18Mpa	Shore A (83A)	> 5 N/cm

0.6mmpb lead equivalent(Recommend tube voltage:160kV)

Product Code 产品型号	Main material 主要材料	Surface material 表面材料	Color 颜色	Physical thickness 物理厚度	Weight 重量	Tensile strength 拉伸强度	Hardness 硬度	Stripping rate 剥离
LFSC/060-160/272 FBK	Lead free	Fabric coating	Black	1.9mm±0.1mm	8.4kg±0.1kg/m <sup>2</sup>	15Mpa	Shore A (83A)	> 5 N/cm

0.8mmpb lead equivalent(Recommend tube voltage:160kV)

Product Code 产品型号	Main material 主要材料	Surface material 表面材料	Color 颜色	Physical thickness 物理厚度	Weight 重量	Tensile strength 拉伸强度	Hardness 硬度	Stripping rate 剥离
LFSC/080-160/272 FBK	Lead free	Fabric coating	Black	2.1mm±0.1mm	9.5kg±0.1kg/m <sup>2</sup>	15Mpa	Shore A (83A)	> 5 N/cm

**\*Standard Roll width: 600mm widths, support customized according to curtain size, no need additional cutting.**

## Notes

1. All weights and measurements carry a +/- 10% tolerance.
2. Technical data on special products available upon request.
3. Storage Condition: 25°C and 50% humidity conditions .
4. Shelf life: 12 months under original packaging condition.
5. Lead-free waste material is environmentally friendly and may be disposed via standard disposal methods.
6. The details of the product are general statement, and the suitability of the material for a specific application is subject to tests on such applications.
7. Some variations to the physical data given in the data sheet are possible.