NUCLEAR SHIELDS

DUAL Syringe Shields

Tungsten and acrylic syringe shields

Syringe shields combining tungsten and acrylic for radiopharmaceuticals that emit both beta and gamma radiation. They have a viewing window and a lock, and are available for 5 to 20 ml syringes.



Shielding material
Acrylic and tungsten [1]

Shielding thickness
4 mm tungsten, 5 mm acrylic [1]

Specifications

Shielding material	Acrylic and tungsten	[1]
Shielding thickness	4 mm tungsten, 5 mm acrylic	[1]

Models

Model	Syringe size	Inside dimensions	Weight
SS23BS5-8	5 ml [1]	15.4 × 61 mm (diameter × height) [1]	0.48 kg [1]
SS23BS5-9	5 ml [2]	15.4 × 65 mm (diameter × height) [2]	0.51 kg [2]
SS23BS5-10	5 ml [3]	15.4 × 68 mm (diameter × height) [3]	0.54 kg [3]
SS23BS10-11	10 ml [4]	18.2 × 75 mm (diameter × height) [4]	0.61 kg [4]
SS23BS10-12	10 ml [5]	18.2 × 85 mm (diameter × height) [5]	0.73 kg [5]
SS23BS20-13	20 ml [6]	22.4 × 89 mm (diameter × height) [6]	0.86 kg [6]
SS23BS20-14	20 ml [7]	22.4 × 96 mm (diameter × height) [7]	0.93 kg [7]

Sources

[1] **Nuclear Shields 5ml DUAL Syringe Shield – 15.4 x 61 mm**
Nuclear Shields · product-page · Additional information – Shielding material (same on every model page); Additional information – Shielding thickness (same on every model page); Product heading · checked 2026-11-16
https://www.nuclear-shields.com/product/5ml-dual-syringe-shield/

[2] **Nuclear Shields 5ml DUAL Syringe Shield – 15.4 x 65 mm**
Nuclear Shields · product-page · Product heading; Additional information – Inside dimensions; Product description – Key features · checked 2026-11-16
https://www.nuclear-shields.com/product/5ml-dual-syringe-shield-3/

[3] **Nuclear Shields 5ml DUAL Syringe Shield – 15.4 x 68 mm**
Nuclear Shields · product-page · Product heading; Additional information – Inside dimensions; Product description – Key features · checked 2026-11-16
https://www.nuclear-shields.com/product/5ml-dual-syringe-shield-2/

[4] **Nuclear Shields 10ml DUAL Syringe Shield – 18.2 x 75 mm**
Nuclear Shields · product-page · Product heading; Additional information – Inside dimensions; Product description – Key features · checked 2026-11-16
https://www.nuclear-shields.com/product/10ml-dual-syringe-shield/

[5] **Nuclear Shields 10ml DUAL Syringe Shield – 18.2 x 85 mm**
Nuclear Shields · product-page · Product heading; Additional information – Inside dimensions; Product description – Key features · checked 2026-11-16
https://www.nuclear-shields.com/product/10ml-dual-syringe-shield-2/

[6] **Nuclear Shields 20ml DUAL Syringe Shield – 22.4 x 89 mm**
Nuclear Shields · product-page · Product heading; Additional information – Inside dimensions; Product description – Key features · checked 2026-11-16
https://www.nuclear-shields.com/product/20ml-dual-syringe-shield/

[7] **Nuclear Shields 20ml DUAL Syringe Shield – 22.4 x 96 mm**
Nuclear Shields · product-page · Product heading; Additional information – Inside dimensions; Product description – Key features · checked 2026-11-16
https://www.nuclear-shields.com/product/20ml-dual-syringe-shield-2/

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.