NUCLEAR SHIELDS

BETA Big-Screw Syringe Shields

Acrylic syringe shields for beta emitters

Transparent syringe shields of 10 mm acrylic for handling beta-emitting radiopharmaceuticals, with a screw lock. Available for 1 to 10 ml syringes.



Shielding material
Acrylic [1]

Shielding thickness
10 mm [1]

Specifications

Shielding material	Acrylic	[1]
Shielding thickness	10 mm	[1]

Models

Model	Syringe size	Inside dimensions	Weight
SS3BS1-1	1 ml [1]	8.8 × 72 mm (diameter × height) [1]	0.058 kg [1]
SS3BS1-2	1 ml [2]	8.8 × 76 mm (diameter × height) [2]	0.061 kg [2]
SS3BS1-3	1 ml [3]	11.5 × 76 mm (diameter × height) [3]	0.069 kg [3]
SS3BS2-4	2 ml [4]	11.5 × 53 mm (diameter × height) [4]	0.050 kg [4]
SS3BS2-5	2 ml [5]	11.5 × 60 mm (diameter × height) [5]	0.056 kg [5]
SS3BS3-6	3 ml [6]	11.5 × 65 mm (diameter × height) [6]	0.060 kg [6]
SS3BS3-7	3 ml [7]	11.5 × 69 mm (diameter × height) [7]	0.063 kg [7]
SS3BS5-8	5 ml [8]	15.4 × 61 mm (diameter × height) [8]	0.066 kg [8]
SS3BS5-9	5 ml [9]	15.4 × 65 mm (diameter × height) [9]	0.069 kg [9]
SS3BS5-10	5 ml [10]	15.4 × 68 mm (diameter × height) [10]	0.072 kg [10]
SS3BS10-11	10 ml [11]	18.2 × 75 mm (diameter × height) [11]	0.087 kg [11]
SS3BS10-12	10 ml [12]	18.2 × 85 mm (diameter × height) [12]	0.097 kg [12]

Sources

[1] **Nuclear Shields 1ml BETA Big-Screw Syringe Shield – 8.8 x 72 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/1ml-beta-big-screw-syringe-shield-2/

[2] **Nuclear Shields 1ml BETA Big-Screw Syringe Shield – 8.8 x 76 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/1ml-beta-big-screw-syringe-shield-3/

[3] **Nuclear Shields 1ml BETA Big-Screw Syringe Shield – 11.5 x 76 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/1ml-beta-big-screw-syringe-shield-4/

[4] **Nuclear Shields 2ml BETA Big-Screw Syringe Shield – 11.5 x 53 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/2ml-beta-big-screw-syringe-shield/

[5] **Nuclear Shields 2ml BETA Big-Screw Syringe Shield – 11.5 x 60 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/2ml-beta-big-screw-syringe-shield-2/

[6] **Nuclear Shields 3ml BETA Big-Screw Syringe Shield – 11.5 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/3ml-beta-big-screw-syringe-shield/

[7] **Nuclear Shields 3ml BETA Big-Screw Syringe Shield – 11.5 x 69 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/3ml-beta-big-screw-syringe-shield-2/

[8] **Nuclear Shields 5ml BETA Big-Screw Syringe Shield – 15.4 x 61 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-beta-big-screw-syringe-shield/

[9] **Nuclear Shields 5ml BETA Big-Screw 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-beta-big-screw-syringe-shield-2/

[10] **Nuclear Shields 5ml BETA Big-Screw 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-beta-big-screw-syringe-shield-3/

[11] **Nuclear Shields 10ml BETA Big-Screw 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-beta-big-screw-syringe-shield/

[12] **Nuclear Shields 10ml BETA Big-Screw 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-beta-big-screw-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.