NUCLEAR SHIELDS

PET Syringe Shields

Tungsten syringe shields for PET

Syringe shields of 8 mm tungsten for positron-emitting nuclides in PET, with a screw lock. Available for 1 to 10 ml syringes.



Shielding thickness

8 mm [1]

Specifications

Shielding thickness	8 mm	[1]

Models

Model	Syringe size	Shielding material	Inside dimensions	Weight
SS2BS1-1P	1 ml [1]	Tungsten [1]	8.8 × 72 mm (diameter × height) [1]	0.61 kg [1]
SS2BS1-2P	1 ml [2]	Tungsten [2]	8.8 × 76 mm (diameter × height) [2]	0.65 kg [2]
SS2BS1-3P	1 ml [3]	Tungsten [3]	11.5 × 76 mm (diameter × height) [3]	0.75 kg [3]
SS2BS2-4P	2 ml [4]	Tungsten [4]	11.5 × 53 mm (diameter × height) [4]	0.53 kg [4]
SS2BS2-5P	2 ml [5]	Tungsten [5]	11.5 × 60 mm (diameter × height) [5]	0.6 kg [5]
SS2BS3-6P	3 ml [6]	Tungsten [6]	11.5 × 65 mm (diameter × height) [6]	0.64 kg [6]
SS2BS3-7P	3 ml [7]	Tungsten [7]	11.5 × 69 mm (diameter × height) [7]	0.68 kg [7]
SS2BS5-8P	5 ml [8]	–	15.4 × 61 mm (diameter × height) [8]	0.73 kg [8]
SS2BS5-9P	5 ml [9]	Tungsten [9]	15.4 × 65 mm (diameter × height) [9]	0.77 kg [9]
SS2BS5-10P	5 ml [10]	Tungsten [10]	15.4 × 68 mm (diameter × height) [10]	0.8 kg [10]
SS2BS10-11P	10 ml [11]	Tungsten [11]	18.2 × 75 mm (diameter × height) [11]	1 kg [11]
SS2BS10-12P	10 ml [12]	Tungsten [12]	18.2 × 85 mm (diameter × height) [12]	1.13 kg [12]

Sources

[1] **Nuclear Shields 1 ml PET Syringe Shield – 8.8 x 72 mm**
Nuclear Shields · product-page · Additional information – Shielding thickness (same on every model page); Product heading; Additional information – Shielding material · checked 2026-11-16
https://www.nuclear-shields.com/product/1ml-pet-big-screw-syringe-shield/

[2] **Nuclear Shields 1 ml PET Syringe Shield – 8.8 x 76 mm**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/1ml-pet-big-screw-syringe-shield-2/

[3] **Nuclear Shields 1 ml PET Syringe Shield – 11.5 x 76 mm**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/1ml-pet-big-screw-syringe-shield-3/

[4] **Nuclear Shields 2 ml PET Syringe Shield – 11.5 x 53 mm**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/2ml-pet-big-screw-syringe-shield/

[5] **Nuclear Shields 2 ml PET Syringe Shield – 11.5 x 60 mm**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/2ml-pet-big-screw-syringe-shield-2/

[6] **Nuclear Shields 3 ml PET Syringe Shield – 11.5 x 65 mm**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/3ml-pet-big-screw-syringe-shield/

[7] **Nuclear Shields 3 ml PET Syringe Shield – 11.5 x 69**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/3ml-pet-big-screw-syringe-shield-2/

[8] **Nuclear Shields 5 ml PET 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-pet-big-screw-syringe-shield/

[9] **Nuclear Shields 5 ml PET Syringe Shield – 15.4 x 65**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/5ml-pet-big-screw-syringe-shield-3/

[10] **Nuclear Shields 5 ml PET Syringe Shield – 15.4 x 68**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/5ml-pet-big-screw-syringe-shield-2/

[11] **Nuclear Shields 10 ml PET Syringe Shield – 18.2 x 75**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/10ml-pet-big-screw-syringe-shield/

[12] **Nuclear Shields 10 ml PET Syringe Shield – 18.2 x 85**
Nuclear Shields · product-page · Product heading; Additional information – Shielding material; Additional information – Inside dimensions · checked 2026-11-16
https://www.nuclear-shields.com/product/10ml-pet-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.