



# DUFRANE NUCLEAR SHIELDING, INC.

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DUFRANE NUCLEAR SHIELDING DESIGN: MODULAR/REUSABLE/COST EFFECTIVE

## SAM 9 SHIELDS

DUFRANE'S SAM 9 Shields are specially designed to reduce employee downtime and maximize efficiency by reducing background radiation levels at the Small Article Monitor. SAM 9 Shields can cut count times from a minute to about 20 seconds. They have an stainless steel brushed finish that is more attractive than alternatives like exposed lead bricks and slung lead blankets. These shields are easily sized to fit any model and the amount of shielding can be modified to satisfy your specific background requirements. SAM 9 Shields can be designed with removable shielding for ease in relocation or it can be permanently installed. SAM 9 Shields include a notch which allows for the necessary wiring to and from the Small Article Monitor.

### Features:

- 1", 1.5", or 2" thickness standard. Other thickness available to meet specific application requirements.
- Lightweight lid can be easily removed with attached handles (thickness restricted to provide a maximum light weight of 120 lbs.
- Unique design makes the SAM 9 Shield portable and easily moveable anywhere.
- Maximum durability and superior quality construction.
- All stainless steel surfaces with an attractive brushed finish.

### Configurations for SAM 9 Shields:

Inside dimensions:

27" wide by 22" deep by 33.33" high

Approximate weight:

1" thickness	1,250 lbs
1.5" thickness	1,900 lbs
2" thickness	2,700 lbs



### Options:

- Top rear hinged lid available to facilitate easier access to the upper rear section on the monitor.
- Steel can be used as alternative shielding material rather than lead.

*At the time you anticipate the need for a SAM 9 Shield please initiate a discussion with us.*

**You've Got a Problem... We've Got a Solution!**