



## ARENA PRODUCTS LINER IRRADIATION PROCESS

At Arena Products we use an external irradiation service.

- After the liner bags are assembled, packaged and loaded onto skids at the Arena facility the liner bags are shipped to the irradiation facility.
- The boxed liner bags are removed from the truck and placed on special conveying skids that are acceptable to the dimensions of the irradiation tunnel.
- Dosimeters are attached to the conveying skids.
- The liner bags are sent through the irradiation tunnel and exposed to gamma radiation and given a dose of 15-35 kGy which is the national standard for sterilizing packaging materials. The **gray** (symbol: Gy) is a derived unit of ionizing radiation dose in the International System of Units. It is defined as the absorption of one joule of radiation energy per kilogram of matter.
- Upon completion of the irradiation process, the liner bags are then re-loaded back on the truck and shipped back to Arena Products with the processing documentation of dosage received. The liners are now ready for distribution.

