

Nonmetallic Safety Cans

Nonmetallic safety cans are an original Justrite development in safety containment for flammable liquids. They have special applications and advantages over metal safety cans that fill important gaps in the overall flammable liquids handling picture. They also meet OSHA requirements for an approved container.

The can bodies are molded from dense, thick polyethylene that is highly resistant to corrosive chemicals. Justrite nonmetallic cans have a unique current-carrying carbon insert embedded in the ribbing which facilitates proper bonding or grounding.

Nonmetallic safety cans also are much more resistant to rough usage than conventional metal cans. They have higher dent, puncture and drop resistance than metal and retain good appearance longer because their bright red color is molded into the can material instead of painted on. Their durability has made them ideal on construction sites as well as in manufacturing plants. Because they can accommodate corrosive or high-purity liquids, they are a popular choice among laboratory professionals.



To properly ground when using nonmetallic containers, an antistatic wire connects the poly can's cover assembly (with special internal insert) to the receiving vessel. A second antistatic wire connects the receiving vessel to a ground pipe.



The conductive, current-carrying carbon insert is embedded in the rib of the container creating a grounding path between the cover assembly and the flame arrester in the spout to aid in proper grounding.