

**Imperial [IP] Dimensions
Metric (SI) in Parentheses**

CARNES COMPANY 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone: (608)845-6411 Fax: (608)845-6504 www.carnes.com

DESCRIPTION

Carnes ARC is a modified epoxy-polyamid coating. Designed to provide high build, it has been engineered to meet the requirements of general maintenance service. It meets all Food and Drug Administration and U. S. Department of Agriculture toxicity requirements. Carnes ARC presents a smooth, chemically resistant finish that is easily cleaned and maintained. It produces a semi-gloss, self-priming finish that has exceptional hardness and durability.

CHEMICAL RESISTANCE

Excellent — Resists hydrochloric acid to 20%, sulfuric acid to 15%, nitric acid to 5%, chromic acid to 5%, sodium hydroxide to 50%, ammonia to 10%.

Excellent — Resists all oil, margarine, lactic acid to 85%, phosphoric acid to 85%, oleic acid or red oil, fresh fruit juices, blood and wastes.

Excellent — Resists alcohols, aliphatic and most aromatic solvents.

TECHNICAL DATA

Composition: Modified Epoxy Polyamid.

<i>Abrasion Resistance:</i>	Falling Sand	—	Excellent
	Rubbing	—	Excellent
	Cutting	—	Excellent
	Impact	—	Very Good

Flexibility: Good — Passes 1/2" (13) mandrel.

Temperature Resistance: 275°F (135°C) Dry Heat continuously. Withstands surges to 320°F (160°C) and periodic steam cleaning.

Colors: Consult factory.

SERVICE

- a) A self-priming coating for the protection of tank exteriors, walks, piping, floors and equipment in Chemical industry.
- b) Resists splash and spillage of most acids, alkalies and salts.
- c) Will not promote the growth of mildew, fungus and bacterial slime and is recommended for use in the maintenance of equipment in and around breweries and distilleries.
- d) A hull or marine coating where ease of application is important and resistance to erosion by fresh or salt water is required.
- e) An architectural coating for application over building interiors and exteriors. Effectively fills small voids and produces a smooth finish.