

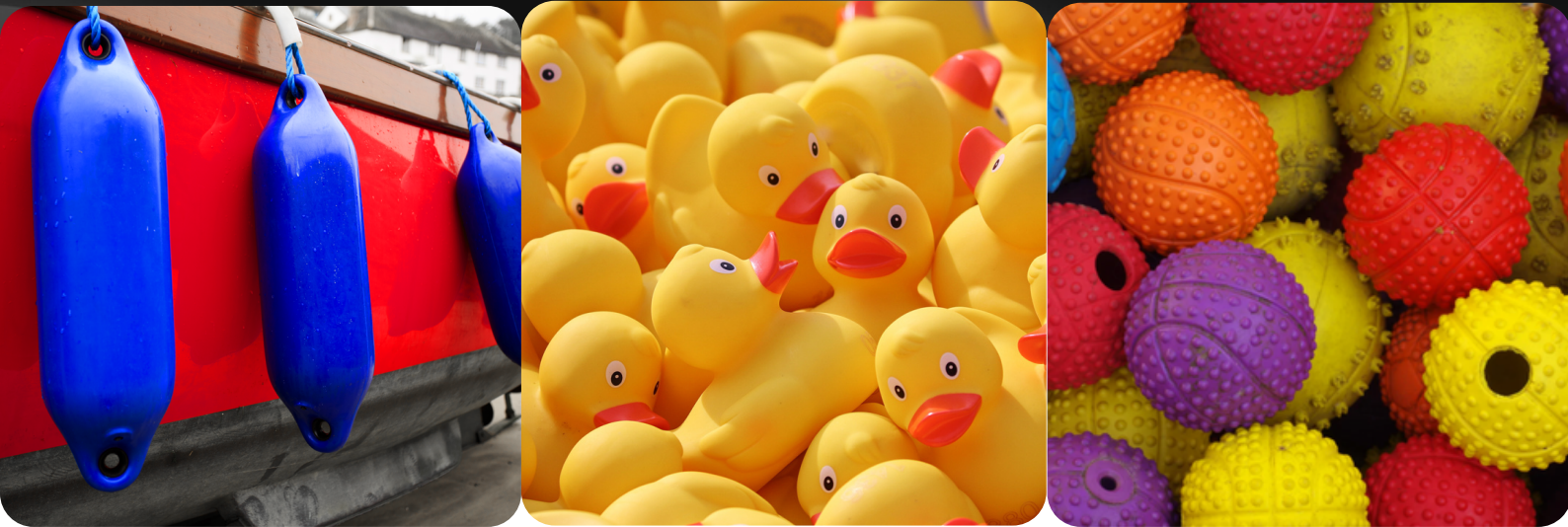
Plastisol - Molding Series

Polymer-Based Coatings



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Form Your Vision. Mold with Plastisol.



Overview

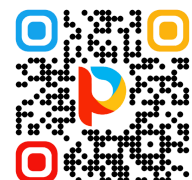
Plastisol molding is a flexible process used to create durable parts through methods like rotational, slush, and hot melt molding. The plastisol is introduced into hollow molds and cured at 150–200°C for full strength and adhesion. Its controlled viscosity ensures precise detail replication, producing customizable parts with various finishes for industrial and consumer use.

Main Features

- Hardness and flexibility can be customized, allowing finishes that range from soft and rubber-like to rigid and structural.
- Low tooling costs make plastisol molding ideal for short production runs or customized, low-volume parts.
- A wide range of colors and textures can be formulated to meet specific aesthetic or functional requirements.
- The process supports seamless, complex geometries, enabling the production of intricate, flexible parts without seams or joints.

Common Uses Include

- Toys / Dolls
- Vinyl Masks
- Industrial Boots
- Plastisol Hot Melt/Stone Mold



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Typical Properties

Hardness:	Shore A to Shore D
Resistance:	Flame / UV / Mildew / Chemical / Impact
Physical:	Tensile / Tear / Elongation / Density
Colors:	Pantone / RAL / AMS STD 595
Compliance:	Non-phthalate / Prop 65 / REACH / ROHS / FDA / UL

Consistent Quality. Proven by Performance.

At Protech Group, quality isn't just a feature—it's a promise. Our coatings are engineered to deliver consistent performance across every application, ensuring reliable results and a flawless finish each time. With rigorous quality control and decades of technical expertise, we maintain the highest standards from formulation to final product. Whether you're coating complex parts or high-volume assemblies, you can count on Protech for dependable performance and superior, long-lasting quality.

Custom Formulations

Leveraging decades of experience, The Protech Group partners with you to create tailored coating formulations that meet your unique application, budget, and production needs.

