

PolyOne[™]

**Geon[™] HC Specialty
Coatings & Specialty Resins**

Specialty vinyl-based solutions for
the healthcare industry

The PolyOne Difference

PolyOne delivers value to its healthcare customers by helping them to **manage risk, accelerate speed to market, and provide targeted product performance**. PolyOne's Specialty Coatings and Specialty Resins deliver customized vinyl solutions tailored to a healthcare customer's processing and performance requirements.

We provide value-added services, including: application expertise to help our customers select the right product for the process, rapid customer response to minimize inventory and resolve technical problems, and access to testing and other regulatory support services. This allows our customers to operate with speed, flexibility and efficiency.

Performance Grade Materials

- Customizable solutions
- Gamma-stable and ETO sterilizable grades
- CPSIA and non-phthalate solutions
- Biocompatible grades available
- Good chemical resistance
- Medical grade raw material selection
- Formulation lockdown with no raw material substitution
- Pre-colored and pre-scented products using medical-grade material

Geon™ HC Vinyl Plastisols & Vinyl Powder Compounds

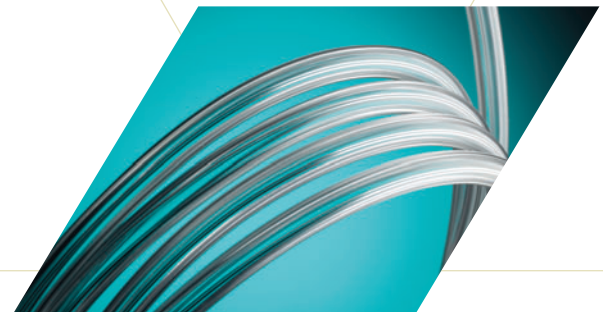
With over 50+ years of use, Geon™ HC Vinyl Plastisols and Vinyl Powder Compounds are formulated to our healthcare customers' requirements, providing a wide-range of physical properties and performance characteristics, including:

- Clarity and transparency
- Flexibility and durability
- Biocompatibility and chemical resistance
- Design flexibility

Geon™ Dispersions, Blending & Specialty Suspension Vinyl Resins

Geon™ Vinyl Resins allow healthcare customers the ability to formulate solutions that offer a wide range of high performance characteristics, including:

- Strength and fatigue resistance
- Clarity and transparency



PolyOne Healthcare Solutions

PolyOne's Specialty Coatings and Specialty Resins businesses deliver customized vinyl solutions for many healthcare applications, including:

- Gloves
- Oxygen and Stethoscope Tubing
- Connectors
- Caps and Closures
- Respirator Bags
- Fluid Bags
- Enema Tips
- IV Sets
- Syringes
- Labware Coatings
- Personal Protection
- Medical Model Training Aids
- Packaging
- Fabric Coatings
- Hospital Durables
- Device Housings
- Wound Care
- Protective Coatings
- Flooring/Matting
- Moldings
- Wiring
- Films

Featured Applications & Solutions

Application	Solution	Key Features	Benefits of Geon™ Solution
Anesthesia Mask	Geon™ HC Vinyl Plastisol	Soft durometer	Patient comfort
		Transparent	Ability to observe patient status
		Scented	Kid friendly
		Colorable	Patient can choose color—reducing anxiety
Cannulas	Geon™ HC Vinyl Plastisol	Biocompatible	Improve patient safety and support regulatory compliance
		Weldable	Maintains connection/seal during use
		Soft durometer	Patient comfort
Bulbs	Geon™ HC Vinyl Plastisol	Enhanced physicals	Flex fatigue resistant for extended service life
		Design freedom	Made in varying sizes/colors One piece construction prevents leaks
Stethoscope Tubing	Geon™ HC Vinyl Plastisol	Enhanced physicals	Less prone to “kinking” and “necking” Fatigue resistant for extended service life
		Design freedom	One-piece “Y” construction Made in varying lengths and colors
		Biocompatible	Improve patient safety and support regulatory compliance
Medical Tubing	Geon™ Ultra High Molecular Weight Resin	Enhanced physicals	Less prone to “kinking” and “necking” Fatigue resistant for extended service life
		Transparent	Easily observe fluid delivery
		Gamma sterilizable	Protect against infection while retaining excellent clarity and color
		Biocompatible	Improve patient safety and support regulatory compliance
		Chemical stability	Little to no change in properties when exposed to most pharmaceuticals

Our Pledge to You

At PolyOne, we are committed to helping you grow your business with safe and environmentally sound solutions. This commitment is exemplified by our **No Surprises PledgeSM**, which we make to all customers and markets across the globe.

- ✓ You can be confident that, in formulating and manufacturing our materials, we use sustainable practices to provide long-term product viability and sound environmental stewardship.
- ✓ You can expect that the materials we produce contain only ingredients that conform to accepted legal and regulatory compliance guidelines.
- ✓ You can trust that PolyOne materials meet the rigorous quality and safety management standards required across the globe.
- ✓ You can be certain that PolyOne meets or exceeds the material safety data reporting requirements of your country or region.
- ✓ When you choose PolyOne, you can be confident our products will help you meet or exceed today's stringent compliance standards.

Product choices often vary by region due to differences in regulatory and agency requirements, availability and other key factors. Please contact your nearest sales office for assistance in choosing the right solution for your locale.

The logo for PolyOne, featuring the word "PolyOne" in a red, serif font with a red underline that extends to the right.

*Beyond Polymers.
Better Business Solutions.SM*

www.polyone.com

PolyOne Americas

33587 Walker Road
Avon Lake, Ohio 44012
United States
+1 440 930 1000

PolyOne Asia

Guoshoujing Road No. 88
Z.J Hi-Tech Park, Pudong
Shanghai, 201203, China
+86 (0) 21 5080 1188

PolyOne Europe

6, Giällewee
L-9749 Fischbach
Luxembourg
+32 (0) 83 660 211

Copyright © 2011, PolyOne Corporation. PolyOne makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. PolyOne makes no warranties or guarantees respecting suitability of either PolyOne's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. POLYONE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.