

# Geon™ Vinyl Flexible XV 3450

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™Vinyl Flexible XV 3450 is a flexible polyvinyl chloride product. It can be processed by extrusion or injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Vinyl Flexible XV 3450 applications include hoses, medical/health care and food contact applications. The main characteristics are: accessible food.

General Information	
Features	Compliance of Food Exposure
Uses	Pipe
	Pipe fittings
Agency Ratings	FDA Food Exposure, Not Rated
	ISO 10993 Part 5
	USP Class VI
Appearance	Clear/transparent
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Fracture	15.9	MPa	ASTM D638
100% strain	8.27	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.3	°C	ASTM D746

Additional Information	
注释:本化合物配方中所用的全部成分均在美国食品及药物管理局《联邦法规法典》第21章中列出,唯一的限制是,增塑剂 “仅用于高含水量食物”.本说明仅为食品及药物管理局清单关于该产品内容的概述.由用户负责确保此化合物适用于其预期应用.	
NOTE	

1.	Type 4, 510mm/min
2.	Type 4, 510mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

