



VERSADUR® PVC Type I – 150 Series

150 Dark Grey, 152 White, 153 Light Grey, 154 Blue, 155 Black

SIMONA
AMERICA INC.

Product Specifications

Fabricators and Specifiers Benefits

- Normal impact
- Excellent chemical and corrosion resistance
- Easy to fabricate, weld or machine
- Showcase quality surface
- Single- or double-side masking
- Stress relieved, square, flat sheets
- Accurate to dimensional tolerances
- Color consistent

Application Areas

- Chemical processing
- Semiconductor processing equipment
- Pollution control equipment
- Machined and fabricated parts
- Etching and plating tanks
- Scrubbers, hoods, ducts and other protective equipment

Standards and Specifications

- ASTM D-1784-81 Type I Grade I Class 12454
- Federal Specification L-P 535e
- UL 94V-0, 94-5V Flammability rating
- ASTM E 84 Flame Spread Rate 15, Fuel Contribution 0
- Maximum application temperature 140 °F

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Product Range

Extruded Sheets – Standard Availability (in inch)

	1/32	1/16	3/32	1/8	3/16	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	3/4	2
Size: 48" x 96"															
150 Dark Grey	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
152 White	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
154 Blue				■		■	□	■							
154 Blue <i>1 side embossed</i>				■		■	□	■							

152 White masked 1 side; 154 Blue masked 1 side

Rods – Standard Availability (in inch)

	Length	Thickness
150 Dark Grey	10 ft	1/4" to 2"
	5 ft	2 1/4" to 8"

Call for custom lengths, other sizes (metric dimensions), welding rods, colors (153 Light Grey, 155 Black, Red, Ivory), masking or special requirements.

Technical Data

Property

	Test Method ASTM*	Unit	Typical Value
Physical			
Density	D-792	g/cc	1.45
Water Absorption (24 hrs at 73 °F)	D-570	%	0.04
Mechanical			
Tensile Strength	D-638	psi	7,820
Tensile Modulus	D-638	psi	469,000
Elongation	D-638	%	150
Izod Impact	D-256	ft. lbs./in.	0.8
Rockwell Hardness	D-785	"R" scale	113
Thermal			
Heat Distortion Temperature	D-648		
at 66 psi		°F	172
at 264 psi		°F	162
Vicat Softening Temperature	D-1525	°F	169
Coefficient of Thermal Expansion	D-696	in./in./°C	7 x 10 ⁻⁵
Electrical			
Volume Resistivity	D-257	ohm x cm	>6.2 x 10 ¹⁵
Flammability			
Flammability	D-635		self-extinguishing
	UL		94V-0, 94-5V

*American Society of Testing Materials

■ stock availability □ availability on request

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