

# TECH DATA

Wilsonart® ¼" Solid Surface

## Distributor

Wilsonart International, Inc.  
2400 Wilson Place  
P.O. Box 6110  
Temple, Texas 76503-6110  
Phone: (254) 207-7000; (800) 433-3222  
Fax: (254) 207-2384  
Web Site: [www.wilsonartsolidsurface.com](http://www.wilsonartsolidsurface.com)

## Product Descriptions

### Product Composition:

Wilsonart® ¼" Solid Surface is manufactured with acrylic resins, fire-retardant fillers and proprietary coloring agents that are homogeneous, with uniform color throughout their thickness.

### Basic Limitations:

Wilsonart® ¼" (6.35mm) Solid Surface is recommended for interior decorative vertical applications only.

### Fabrication:

Refer to the Wilsonart® Solid Surface Fabrication Manual or contact a Certified Wilsonart® Solid Surface Fabricator for details.

### Finishes:

Final finish is completed by the fabricator and may range from matte to high gloss, depending on the customer's specification. Surfaces with gloss and semi-gloss finishes require more maintenance than matte or satin finishes. Darker colors will require special attention.

### Sheet Dimensions

<b>Wilsonart® ¼" Solid Surface Standard Size</b>	
Panel Width:	30" (76.2cm)
Panel Length:	120" (304.8cm)
Thickness:	Product Type 025 = 0.240" (0.610cm) ± 0.015"(0.038cm)

*NOTE: Sheets may be approximately one-quarter inch (6mm) longer and wider than above measurement.*

### Product Inventory:

<b>Wilsonart® ¼" Solid Surface Standard Colors</b>					
1573SL	Frosty White	1572SL	Antique White	1530TM	Beige Tempest

Wilsonart® ¼" Solid Surface is inventoried in three colors. Additional select Wilsonart® ¼" Solid Surface colors are available as a special order item.

### Special Orders:

Wilsonart® ¼" Solid Surface is available at a maximum of 144" (365.8 cm). Minimum order quantities apply and require eight to ten weeks for delivery. Please contact your local Wilsonart representative for complete order requirements.

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## Technical Data

Properties	Typical Results	Test
Thermal Expansion Coefficient	1.5 x10 <sup>-5</sup> in./in./°F	ASTM D 696
Hardness (Barcol Impressor)	62	ASTM D 2583
Impact Resistance	78 in. drop <sup>A</sup>	NEMA LD3-2005 Method 3.8
Izod Impact	0.24 (ft-lb.)/in	ASTM D 256 Method A
Light Resistance - Xenon	No effect	NEMA LD3-2005 Method 3.3
Stain Resistance	Pass	ANSI Z-124.3 modified
Wear and Cleanability	Pass	ANSI Z-124.3
Fungi Resistance	Pass	ASTM G 21
Bacterial Resistance	Pass	ASTM G 22
Boiling Water Resistance	No effect	NEMA LD3-2005 Method 3.5
High Temperature Resistance	No effect <sup>B</sup>	NEMA LD3-2005 Method 3.6
Weatherability	ΔE<5	ASTM G 155
Moisture Absorption	<0.25%	ASTM D 570 Long Term
Specific Gravity	1.78 gram/cm <sup>3</sup>	ASTM D 792
Approximate Weight	2.2 lb./ ft <sup>2</sup>	
Fire Behavior	Class II and Class B	ASTM E 84

<sup>A</sup> No Fracture

<sup>B</sup> High temperature resistance tests may have an effect on the surface; however, the surface can be renewed to "No Effect."

The information contained in this section is based on technical data which Wilsonart International believes to be reliable and is intended for use by persons having knowledge of this technical area at their own discretion.

### Codes and Certifications

- GREENGUARD® Indoor Air Quality
- GREENGUARD® Children and Schools<sup>SM</sup>
- FDA compliance for food contact

GREENGUARD® is a registered trademark of the Greenguard Environmental Institute (GEI).

### Warranty and Customer Services

For samples, literature, questions, technical assistance, or warranty information please contact our toll-free Hotline at (800) 433-3222, Monday through Friday, 7 am – 7 pm CST, or visit our website at [www.wilsonartsolidsurface.com](http://www.wilsonartsolidsurface.com) .

### Care and Maintenance

Care and Maintenance kits should be provided by the fabricator at installation or visit [www.wilsonart.com](http://www.wilsonart.com) for complete maintenance instructions.