



Phius Product Number: W-102554
Date Last Certified: 09/11/2025
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 09/11/2027
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Fibertec 300 Fixed Window

Manufacturer: Fibertec Window & Door Group

Primary Frame Material: Fiberglass

Series: 300 Series

Fixed or Operable: Fixed

Model: 300 Fixed Window

Operation Type: Fixed

NFRC CPD #: FWD-M-1-00153-00001

IGU DETAILS

Glazing Name: 4mm-i89#2-Arg95-272#4-Arg95-i89#6_OA 1 3/4"

Glass Layers: Triple

Gas Fill: Argon

Spacer: Tremco EnerEDGE

RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft²·°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓	✓		
U-Whole-Window	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14
Modeled Size [W×H]	47.24" × 59.06"				SHGC, Whole Window: 0.35			Condensation Resistance:		

COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | *Compatible with building energy modeling tools*

U-COG | Center of Glass U-Values, by Climate Zone [Btu/hr·ft²·°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.12

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.41

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	1.89"	1.89"	1.89"	1.89"
Frame U-Value [Btu/hr·ft ² ·°F]	0.25	0.25	0.24	0.26
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0046	0.0046	0.0029	0.0038

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)



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RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓	✓		
U-Whole-Window	0.70	0.73	0.73	0.73	0.74	0.73	0.74	0.74	0.77	0.79
Modeled Size [W × H]	1.20 m × 1.50 m				SHGC, Whole Window: 0.35			Condensation Resistance:		

COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | *Compatible with building energy modeling tools*

U-COG | Center of Glass U-Values, by Climate Zone [W/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.56	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.64	0.67

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.41

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	48 mm	48 mm	48 mm	48 mm
Frame U-Value [W/m ² K]	1.45	1.45	1.37	1.45
Glazing-to-Frame Psi Value [W/mK]	0.0081	0.0081	0.0051	0.0067

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)