



By PLY GEM



UNIFRAME®

Manufacturer's Certification UniFrame Window & Door Products

Great Lakes Window by Ply Gem, located at 30499 Tracy Road, Walbridge, OH, 43465, manufactures UniFrame products, which when purchased with optional Low-E glass, spacer system and argon or krypton gas fill in an insulated unit, meet or exceed the prescriptive criteria established by the IECC for all climate zones in which the window or doors are installed.

To qualify for the Energy Improvement and Extension Act tax credit, exterior windows and doors must have both a U-Factor rating of .30 or lower and a Solar Heat Gain Coefficient (SHGC) rating of .30 or lower. The UniFrame exterior window and door products set forth on Attachment A have a U-Factor and SHGC of .30 or below and qualify for this tax credit. To qualify for the tax credit, homeowners must purchase the qualifying UniFrame exterior window and door products and install in accordance with Great Lakes Window by Ply Gem's instructions between January 1, 2009 and December 31, 2010.

To certify the qualifying UniFrame products for purposes of the tax credits available under the Energy Improvement and Extension Act of 2008, **Great Lake Window by Ply Gem represents that its window and door products having a U-Factor and SHGC of .30 or below as set forth on Attachment A are "Eligible Building Envelope Component(s)" that qualify for the federal income tax credit allowed under the Energy Improvement and Extension Act of 2008.**

Homeowners should consult their tax advisor to determine whether they qualify for any potential income tax credits.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Lynn Morstad
President, Ply Gem Windows

March, 2010



By PLY GEM

Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified				
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern	
Double Hung													
EnergyEdge Spacer													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.4	PWG-M-27	0.29	0.25	0.47	51	●	●	●	●	
Grilles (<1")	0.26	3.8	3.4		0.29	0.22	0.42	51	●	●	●	●	
Georgian Grilles (>1")	0.26	3.8	3.4		0.29	0.20	0.36	51	●	●	●	●	
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.4		0.29	0.19	0.37	51	●	●	●	●	
Grilles (<1")	0.25	4.0	3.4		0.29	0.17	0.33	51	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.4		0.29	0.15	0.29	51	●	●	●	●	
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.23	0.40	51	●	●	●	●	
Grilles (<1")	0.25	4.0	3.6		0.28	0.21	0.35	51	●	●	●	●	
Georgian Grilles (>1")	0.25	4.0	3.6		0.28	0.18	0.31	51	●	●	●	●	
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.16	0.25	51	●	●	●	●	
Grilles (<1")	0.25	4.0	3.6		0.28	0.15	0.22	51	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.13	0.19	51	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.23	0.40	53	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.21	0.35	53	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.18	0.31	53	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.16	0.24	53	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.15	0.22	53	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.13	0.19	53	●	●	●	●	
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.3		0.23	0.21	0.36	59	●	●	●	●	
Grilles (<1")	0.18	5.6	4.2		0.24	0.19	0.32	59	●	●	●	●	
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.3		0.23	0.15	0.23	60	●	●	●	●	
Grilles (<1")	0.17	5.9	4.2		0.24	0.14	0.20	60	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.0		0.20	0.21	0.36	62	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.0		0.20	0.19	0.32	62	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.0		0.20	0.15	0.22	62	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.0		0.20	0.14	0.20	62	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
I-Core Spacer													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.8		PWG-M-27	0.26	0.25	0.47	58	●	●	●	●
Grilles (<1")	0.26	3.8	3.8			0.26	0.22	0.42	58	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.8			0.26	0.20	0.36	58	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.8			0.26	0.19	0.37	58	●	●	●	●
Grilles (<1")	0.25	4.0	3.8			0.26	0.17	0.33	58	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.8			0.26	0.15	0.29	58	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.8			0.26	0.23	0.40	59	●	●	●	●
Grilles (<1")	0.25	4.0	3.8			0.26	0.21	0.35	59	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	3.8			0.26	0.18	0.31	59	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.8			0.26	0.16	0.25	59	●	●	●	●
Grilles (<1")	0.25	4.0	3.8			0.26	0.15	0.22	59	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.8	0.26		0.13	0.19	59	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.0	0.25		0.23	0.40	61	●	●	●	●	
Grilles (Width<1")	0.23	4.3	4.0	0.25		0.21	0.35	61	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	4.0	0.25		0.18	0.31	61	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.0	0.25		0.16	0.24	61	●	●	●	●	
Grilles (Width<1")	0.23	4.3	4.0	0.25		0.15	0.22	61	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	4.0	0.25		0.13	0.19	61	●	●	●	●	
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.8	0.21		0.21	0.36	68	●	●	●	●	
Grilles (<1")	0.18	5.6	4.5	0.22		0.19	0.32	68	●	●	●	●	
Georgian Grilles (>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.8	0.21		0.15	0.23	68	●	●	●	●	
Grilles (<1")	0.17	5.9	4.5	0.22		0.14	0.20	68	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.6	0.18		0.21	0.36	72	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.6	0.18		0.19	0.32	72	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.6	0.18		0.15	0.22	72	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.6	0.18		0.14	0.20	72	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	



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Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified			
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern
Slider												
EnergyEdge Spacer												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.4		0.29	0.25	0.48	53	●	●	●	●
Grilles (<1")	0.26	3.8	3.4		0.29	0.23	0.43	53	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.4		0.29	0.20	0.38	53	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.4		0.29	0.19	0.38	53	●	●	●	●
Grilles (<1")	0.25	4.0	3.4		0.29	0.17	0.34	53	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.4		0.29	0.16	0.29	53	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.4		0.29	0.24	0.41	54	●	●	●	●
Grilles (<1")	0.25	4.0	3.4		0.29	0.21	0.36	54	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	3.4		0.29	0.19	0.32	54	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.4		0.29	0.17	0.25	54	●	●	●	●
Grilles (<1")	0.25	4.0	3.4		0.29	0.15	0.22	54	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.4		0.29	0.14	0.20	54	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.24	0.41	54	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.21	0.36	54	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.19	0.32	54	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.17	0.25	54	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.15	0.22	54	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.14	0.20	54	●	●	●	●
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.3		0.23	0.22	0.37	60	●	●	●	●
Grilles (<1")	0.18	5.6	4.2		0.24	0.20	0.33	60	●	●	●	●
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.3		0.23	0.16	0.23	60	●	●	●	●
Grilles (<1")	0.17	5.9	4.2		0.24	0.14	0.21	60	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.0		0.20	0.22	0.37	62	●	●	●	●
Grilles (Width<1")	0.12	8.3	4.8		0.21	0.20	0.33	62	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.0		0.20	0.16	0.23	62	●	●	●	●
Grilles (Width<1")	0.12	8.3	4.8		0.21	0.14	0.20	62	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
I-Core Spacer												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.7		0.27	0.25	0.48	62	●	●	●	●
Grilles (<1")	0.26	3.8	3.7		0.27	0.23	0.43	62	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.7		0.27	0.20	0.38	62	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.7		0.27	0.19	0.29	62	●	●	●	●
Grilles (<1")	0.25	4.0	3.7		0.27	0.17	0.34	62	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.7		0.27	0.16	0.31	62	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.8		0.26	0.24	0.39	63	●	●	●	●
Grilles (<1")	0.25	4.0	3.8		0.26	0.21	0.36	63	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	3.8		0.26	0.17	0.32	63	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.8		0.26	0.17	0.25	63	●	●	●	●
Grilles (<1")	0.25	4.0	3.8		0.26	0.15	0.22	63	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.14	0.20	63	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.0		0.25	0.24	0.41	63	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.0		0.25	0.21	0.36	63	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.0		0.25	0.19	0.32	63	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.0		0.25	0.17	0.25	63	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.0		0.25	0.15	0.22	63	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.0		0.25	0.14	0.20	63	●	●	●	●
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.8		0.21	0.22	0.37	69	●	●	●	●
Grilles (<1")	0.18	5.6	4.5		0.22	0.20	0.33	69	●	●	●	●
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.8		0.21	0.16	0.23	69	●	●	●	●
Grilles (<1")	0.17	5.9	4.5		0.22	0.14	0.21	69	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.22	0.37	72	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.20	0.33	72	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.16	0.23	72	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.14	0.20	72	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-

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Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified			
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern
European Slider												
EnergyEdge Spacer												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.4		0.29	0.24	0.46	52	●	●	●	●
Grilles (<1")	0.26	3.8	3.4		0.29	0.22	0.41	52	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.4		0.29	0.19	0.35	52	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.4		0.29	0.18	0.36	53	●	●	●	●
Grilles (<1")	0.25	4.0	3.4		0.29	0.16	0.32	53	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.4		0.29	0.13	0.28	53	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.4		0.29	0.20	0.39	53	●	●	●	●
Grilles (<1")	0.25	4.0	3.4		0.29	0.18	0.34	53	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	3.4		0.29	0.20	0.30	53	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.16	0.24	53	●	●	●	●
Grilles (<1")	0.25	4.0	3.6		0.28	0.14	0.21	53	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.13	0.19	53	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.22	0.39	53	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.20	0.34	53	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.18	0.30	53	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.16	0.24	53	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.14	0.21	53	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.13	0.18	53	●	●	●	●
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.3		0.23	0.21	0.36	59	●	●	●	●
Grilles (<1")	0.18	5.6	4.2		0.24	0.19	0.31	59	●	●	●	●
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.3		0.23	0.15	0.22	59	●	●	●	●
Grilles (<1")	0.17	5.9	4.2		0.24	0.14	0.20	59	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.0		0.20	0.21	0.35	61	●	●	●	●
Grilles (Width<1")	0.12	8.3	4.8		0.21	0.19	0.31	61	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.0		0.20	0.15	0.22	61	●	●	●	●
Grilles (Width<1")	0.12	8.3	4.8		0.21	0.13	0.19	61	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
I-Core Spacer												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.7		0.27	0.24	0.46	61	●	●	●	●
Grilles (<1")	0.26	3.8	3.7		0.27	0.22	0.41	61	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.7		0.27	0.19	0.35	61	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.8		0.26	0.18	0.36	62	●	●	●	●
Grilles (<1")	0.25	4.0	3.8		0.26	0.16	0.32	62	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.15	0.28	62	●	●	●	●
**Maxuus (Double Low E Argon IGU)	0.25	4.0	3.8		0.26	0.22	0.29	62	●	●	●	●
Grilles (<1")	0.25	4.0	3.8		0.26	0.20	0.34	62	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	3.8		0.26	0.18	0.30	62	●	●	●	●
**Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.8		0.26	0.16	0.24	62	●	●	●	●
Grilles (<1")	0.25	4.0	3.8		0.26	0.14	0.21	62	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.13	0.18	62	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.0		0.25	0.22	0.39	62	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.0		0.25	0.20	0.34	62	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.0		0.25	0.18	0.30	62	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.0		0.25	0.16	0.24	62	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.0		0.25	0.14	0.21	62	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.0		0.25	0.13	0.18	62	●	●	●	●
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.8		0.21	0.21	0.36	68	●	●	●	●
Grilles (<1")	0.18	5.6	4.5		0.22	0.19	0.31	68	●	●	●	●
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.8		0.21	0.15	0.22	68	●	●	●	●
Grilles (<1")	0.17	5.9	4.5		0.22	0.14	0.20	68	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.21	0.35	71	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.3		0.19	0.19	0.31	71	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.15	0.22	71	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.3		0.19	0.13	0.19	71	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-

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By PLY GEM

Product Type / Popular Glazing Options Picture	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified			
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern
EnergyEdge Spacer												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.7		0.27	0.27	0.51	58	●	●	●	●
Grilles (<1")	0.26	3.8	3.7		0.27	0.24	0.45	58	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.7		0.27	0.22	0.40	58	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.7		0.27	0.20	0.40	58	●	●	●	●
Grilles (<1")	0.25	4.0	3.7		0.27	0.18	0.36	58	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.7		0.27	0.17	0.31	58	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.7		0.27	0.25	0.43	59	●	●	●	●
Grilles (<1")	0.25	4.0	3.7		0.27	0.23	0.39	59	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	3.7		0.27	0.20	0.34	59	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.7		0.27	0.18	0.27	59	●	●	●	●
Grilles (<1")	0.25	4.0	3.7		0.27	0.16	0.24	59	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.7		0.27	0.15	0.21	59	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.25	0.43	58	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.23	0.38	58	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.21	0.34	58	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.0		0.25	0.18	0.27	58	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.0		0.25	0.16	0.24	58	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.0		0.25	0.15	0.21	58	●	●	●	●
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.8		0.21	0.23	0.40	65	●	●	●	●
Grilles (<1")	0.18	5.6	4.5		0.22	0.21	0.35	65	●	●	●	●
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.8		0.21	0.17	0.25	65	●	●	●	●
Grilles (<1")	0.17	5.9	4.5		0.22	0.15	0.22	65	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.23	0.39	68	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.21	0.35	68	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.17	0.24	68	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.15	0.22	68	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
I-Core Spacer												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.8		0.26	0.27	0.51	64	●	●	●	●
Grilles (<1")	0.26	3.8	3.8		0.26	0.24	0.46	64	●	●	●	●
Georgian Grilles (>1")	0.26	3.8	3.8		0.26	0.22	0.40	64	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	4.0		0.25	0.20	0.40	64	●	●	●	●
Grilles (<1")	0.25	4.0	4.0		0.25	0.18	0.36	64	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.17	0.31	64	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.25	0.43	65	●	●	●	●
Grilles (<1")	0.25	4.0	4.0		0.25	0.23	0.39	65	●	●	●	●
Georgian Grilles (>1")	0.25	4.0	4.0		0.25	0.20	0.34	65	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.18	0.27	65	●	●	●	●
Grilles (<1")	0.25	4.0	4.0		0.25	0.16	0.24	65	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.15	0.21	65	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.25	0.43	64	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.22	0.38	64	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.20	0.34	64	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.18	0.27	64	●	●	●	●
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.16	0.24	64	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.15	0.21	64	●	●	●	●
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	5.0		0.20	0.23	0.40	72	●	●	●	●
Grilles (<1")	0.18	5.6	4.8		0.21	0.21	0.35	72	●	●	●	●
Georgian Grilles (>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	5.0		0.20	0.17	0.25	72	●	●	●	●
Grilles (<1")	0.17	5.9	5.0		0.20	0.15	0.22	72	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	6.3		0.16	0.23	0.39	74	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.9		0.17	0.21	0.35	74	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	6.3		0.16	0.17	0.24	74	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.9		0.17	0.15	0.22	74	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-

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By PLY GEM

Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified								
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern					
Architectural Shapes																	
EnergyEdge Spacer																	
Hi-R Plus (Low E Argon IGU)																	
Grilles (Width<1")	0.26	3.8	3.6		0.28	0.28	0.54	57		●	●	●					
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.26	0.48	57		●	●	●	●				
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.6		0.28	0.24	0.47	58		●	●	●	●				
Grilles (<1")	0.25	4.0	3.6		0.28	0.22	0.42	58		●	●	●	●				
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.20	0.38	58		●	●	●	●				
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.29	0.51	58		●	●	●					
Grilles (Width<1")	0.25	4.0	3.6		0.28	0.27	0.46	58		●	●	●	●				
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.24	0.41	58		●	●	●	●				
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.7		0.27	0.21	0.31	58		●	●	●	●				
Grilles (<1")	0.25	4.0	3.7		0.27	0.19	0.28	58		●	●	●	●				
Georgian Grilles (Width>1")	0.25	4.0	3.7		0.27	0.17	0.25	58		●	●	●	●				
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.29	0.51	58		●	●	●	●				
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.26	0.46	58		●	●	●	●				
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.24	0.41	58		●	●	●	●				
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.21	0.31	58		●	●	●	●				
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.19	0.28	58		●	●	●	●				
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.17	0.25	58		●	●	●	●				
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.19	5.3	4.5		0.22	0.27	0.46	64		●	●	●	●				
Grilles (Width<1")	0.19	5.3	4.3		0.23	0.25	0.42	64		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.19	5.3	4.5		0.22	0.20	0.29	64		●	●	●	●				
Grilles (Width<1")	0.19	5.3	4.3		0.23	0.18	0.26	64		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.9		0.17	0.27	0.46	68		●	●	●	●				
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.25	0.42	68		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.9		0.17	0.19	0.29	68		●	●	●	●				
Grilles (Width<1")	0.12	8.3	5.9		0.17	0.18	0.26	68		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
Casement																	
EnergyEdge Spacer																	
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.6		0.28	0.25	0.48	59		●	●	●	●				
Grilles (Width<1")	0.26	3.8	3.6		0.28	0.23	0.43	59		●	●	●	●				
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.21	0.39	59		●	●	●	●				
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.6		0.28	0.19	0.37	59		●	●	●	●				
Grilles (<1")	0.25	4.0	3.6		0.28	0.18	0.34	59		●	●	●	●				
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.16	0.30	59		●	●	●	●				
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.24	0.40	60		●	●	●	●				
Grilles (Width<1")	0.25	4.0	3.6		0.28	0.22	0.37	60		●	●	●	●				
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.20	0.33	60		●	●	●	●				
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.17	0.25	60		●	●	●	●				
Grilles (<1")	0.25	4.0	3.6		0.28	0.15	0.23	60		●	●	●	●				
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.14	0.20	60		●	●	●	●				
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.23	0.40	59		●	●	●	●				
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.21	0.36	59		●	●	●	●				
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.20	0.33	59		●	●	●	●				
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.17	0.25	59		●	●	●	●				
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.15	0.22	59		●	●	●	●				
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.14	0.20	59		●	●	●	●				
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.5		0.22	0.22	0.37	66		●	●	●	●				
Grilles (Width<1")	0.18	5.6	4.3		0.23	0.20	0.33	66		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.5		0.22	0.16	0.23	66		●	●	●	●				
Grilles (<1")	0.17	5.9	4.3		0.23	0.12	0.21	66		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.3		0.19	0.22	0.37	69		●	●	●	●				
Grilles (Width<1")	0.12	8.3	5.0		0.20	0.20	0.33	69		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.3		0.19	0.16	0.23	69		●	●	●	●				
Grilles (Width<1")	0.12	8.3	5.0		0.20	0.14	0.21	69		●	●	●	●				
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A		-	-	-	-				



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Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified								
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern					
I-Core Spacer - Casement Continued																	
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.8	PWG-M-25	0.26	0.25	0.48	65	●	●	●	●					
Grilles (Width<1")	0.26	3.8	3.8		0.26	0.23	0.43	65	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.21	0.39	65	●	●	●	●					
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.8		0.26	0.19	0.37	65	●	●	●	●					
Grilles (<1")	0.25	4.0	3.8		0.26	0.18	0.34	65	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.16	0.30	65	●	●	●	●					
Maxuus (Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.24	0.40	66	●	●	●	●					
Grilles (Width<1")	0.25	4.0	4.0		0.25	0.22	0.37	66	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.20	0.33	66	●	●	●	●					
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.17	0.25	66	●	●	●	●					
Grilles (<1")	0.25	4.0	4.0		0.25	0.15	0.23	66	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.14	0.20	66	●	●	●	●					
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.23	0.40	66	●	●	●	●					
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.21	0.36	66	●	●	●	●					
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.20	0.33	66	●	●	●	●					
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.17	0.25	66	●	●	●	●					
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.15	0.22	66	●	●	●	●					
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.14	0.20	66	●	●	●	●					
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	5.0		0.20	0.22	0.37	73	●	●	●	●					
Grilles (Width<1")	0.18	5.6	4.8		0.21	0.20	0.33	73	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-					
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	5.0		0.20	0.16	0.23	73	●	●	●	●					
Grilles (<1")	0.17	5.9	4.8		0.21	0.14	0.21	73	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-					
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.9		0.17	0.22	0.37	78	●	●	●	●					
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.20	0.33	78	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-					
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.9		0.17	0.16	0.23	78	●	●	●	●					
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.14	0.21	78	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-					
Fixed Casement																	
EnergyEdge Spacer																	
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.7		PWG-M-24	0.27	0.29	0.55	58	●	●	●	●				
Grilles (Width<1")	0.26	3.8	3.7	0.27		0.26	0.50	58	●	●	●	●					
Georgian Grilles (Width>1")	0.26	3.8	3.7	0.27		0.24	0.48	58	●	●	●	●					
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.7	0.27		0.22	0.44	58	●	●	●	●					
Grilles (<1")	0.25	4.0	3.7	0.27		0.20	0.39	58	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	3.7	0.27		0.18	0.34	58	●	●	●	●					
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.8	0.26		0.27	0.47	59	●	●	●	●					
Grilles (Width<1")	0.25	4.0	3.8	0.26		0.25	0.42	59	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	3.8	0.26		0.22	0.37	59	●	●	●	●					
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.8	0.26		0.19	0.29	59	●	●	●	●					
Grilles (<1")	0.25	4.0	3.8	0.26		0.18	0.26	59	●	●	●	●					
Georgian Grilles (Width>1")	0.25	4.0	3.8	0.26		0.16	0.23	59	●	●	●	●					
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.0	0.25		0.27	0.27	58	●	●	●	●					
Grilles (Width<1")	0.23	4.3	4.0	0.25		0.24	0.42	58	●	●	●	●					
Georgian Grilles (Width>1")	0.23	4.3	4.0	0.25		0.22	0.37	58	●	●	●	●					
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.0	0.25		0.19	0.29	58	●	●	●	●					
Grilles (Width<1")	0.23	4.3	4.0	0.25		0.17	0.26	58	●	●	●	●					
Georgian Grilles (Width>1")	0.23	4.3	4.0	0.25		0.16	0.23	58	●	●	●	●					
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	5.0	0.20		0.20	0.43	65	●	●	●	●					
Grilles (Width<1")	0.18	5.6	4.8	0.21		0.23	0.38	65	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-					
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	5.0	0.20		0.18	0.27	65	●	●	●	●					
Grilles (<1")	0.17	5.9	4.8	0.21		0.17	0.24	65	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-					
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.9	0.17		0.25	0.43	68	●	●	●	●					
Grilles (Width<1")	0.12	8.3	5.9	0.17		0.23	0.38	68	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-					
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.9	0.17		0.18	0.26	68	●	●	●	●					
Grilles (Width<1")	0.12	8.3	5.9	0.17		0.16	0.24	68	●	●	●	●					
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-					



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Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified				
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern	
I-Core Spacer - Fixed Casement Continued													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.8	PWG-M-24	0.26	0.29	0.55	64	●	●	●	●	
Grilles (Width<1")	0.26	3.8	3.8		0.26	0.26	0.50	64	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.24	0.44	64	●	●	●	●	
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.8		0.26	0.22	0.44	64	●	●	●	●	
Grilles (<1")	0.25	4.0	3.8		0.26	0.20	0.39	64	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.18	0.34	64	●	●	●	●	
Maxuus (Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.27	0.47	65	●	●	●	●	
Grilles (Width<1")	0.25	4.0	4.0		0.25	0.25	0.42	65	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.22	0.37	65	●	●	●	●	
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.19	0.29	65	●	●	●	●	
Grilles (<1")	0.25	4.0	4.0		0.25	0.18	0.26	65	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.16	0.23	65	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.27	0.47	64	●	●	●	●	
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.24	0.42	64	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.22	0.37	64	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.19	0.29	64	●	●	●	●	
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.17	0.26	64	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.16	0.23	64	●	●	●	●	
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	5.3		0.19	0.25	0.43	72	●	●	●	●	
Grilles (Width<1")	0.18	5.6	5.0		0.20	0.23	0.38	72	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	5.3		0.19	0.18	0.27	72	●	●	●	●	
Grilles (<1")	0.17	5.9	5.0		0.20	0.17	0.24	72	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	6.7		0.15	0.25	0.43	76	●	●	●	●	
Grilles (Width<1")	0.12	8.3	6.3		0.16	0.23	0.38	76	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	6.7		0.15	0.18	0.26	76	●	●	●	●	
Grilles (Width<1")	0.12	8.3	6.3		0.16	0.16	0.24	76	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Awning													
EnergyEdge Spacer													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.6		PWG-M-26	0.28	0.25	0.48	55	●	●	●	●
Grilles (Width<1")	0.26	3.8	3.6			0.28	0.23	0.43	55	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.6			0.28	0.21	0.39	55	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.6			0.28	0.19	0.37	55	●	●	●	●
Grilles (<1")	0.25	4.0	3.6			0.28	0.18	0.34	55	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.6			0.28	0.16	0.30	55	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.25	4.0	3.6			0.28	0.24	0.40	57	●	●	●	●
Grilles (Width<1")	0.25	4.0	3.6			0.28	0.22	0.37	57	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.6			0.28	0.20	0.33	57	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.6			0.28	0.17	0.25	57	●	●	●	●
Grilles (<1")	0.25	4.0	3.6	0.28		0.15	0.23	57	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.6	0.28		0.14	0.20	57	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.7	0.27		0.23	0.40	60	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7	0.27		0.21	0.36	60	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7	0.27		0.20	0.33	60	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.7	0.27		0.17	0.25	60	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7	0.27		0.15	0.22	60	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7	0.27		0.14	0.20	60	●	●	●	●	
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	4.5	0.22		0.22	0.37	67	●	●	●	●	
Grilles (Width<1")	0.18	5.6	4.3	0.23		0.20	0.33	67	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	4.5	0.22		0.16	0.23	67	●	●	●	●	
Grilles (<1")	0.17	5.9	4.3	0.23		0.15	0.21	67	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.3	0.19		0.22	0.37	70	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.3	0.19		0.20	0.33	70	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.3	0.19		0.16	0.23	70	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.3	0.19		0.14	0.21	70	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	



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Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified				
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern	
I-Core Spacer - Awning Continued													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.8	PWG-M-26	0.26	0.25	0.48	60	●	●	●	●	
Grilles (Width<1")	0.26	3.8	3.8		0.26	0.23	0.43	60	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.21	0.39	60	●	●	●	●	
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.25	4.0	3.8		0.26	0.19	0.37	60	●	●	●	●	
Grilles (<1")	0.25	4.0	3.8		0.26	0.18	0.34	60	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.8		0.26	0.16	0.30	60	●	●	●	●	
Maxuus (Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.24	0.40	61	●	●	●	●	
Grilles (Width<1")	0.25	4.0	4.0		0.25	0.22	0.37	61	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.20	0.33	61	●	●	●	●	
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	4.0		0.25	0.17	0.25	61	●	●	●	●	
Grilles (<1")	0.25	4.0	4.0		0.25	0.15	0.23	61	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	4.0		0.25	0.14	0.20	61	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.23	0.40	64	●	●	●	●	
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.21	0.36	64	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.20	0.33	64	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	4.2		0.24	0.17	0.25	64	●	●	●	●	
Grilles (Width<1")	0.23	4.3	4.2		0.24	0.15	0.22	64	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	4.2		0.24	0.14	0.20	64	●	●	●	●	
Maxuus 7.6 (Triple Pane Double Low E Argon IGU)	0.18	5.6	5.0		0.20	0.22	0.37	73	●	●	●	●	
Grilles (Width<1")	0.18	5.6	4.8		0.21	0.20	0.33	73	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.17	5.9	5.0		0.20	0.16	0.23	73	●	●	●	●	
Grilles (<1")	0.17	5.9	4.8		0.21	0.15	0.21	73	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.9		0.17	0.22	0.37	78	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.9		0.17	0.20	0.33	78	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.9		0.17	0.16	0.20	78	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.9		0.17	0.14	0.21	78	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Sliding Patio Door													
Premier (CPD)													
EnergyEdge Spacer													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.4	PWG-M-46	0.29	0.22	0.44	57	●	●	●	●	
Grilles (Width<1")	0.26	3.8	3.4		0.29	0.20	0.38	57	●	●	●	●	
Georgian Grilles (Width>1")	0.26	3.8	3.4		0.29	0.17	0.33	57	●	●	●	●	
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.26	3.8	3.4		0.29	0.19	0.38	57	●	●	●	●	
Grilles (<1")	0.26	3.8	3.4		0.29	0.17	0.33	57	●	●	●	●	
Georgian Grilles (Width>1")	0.26	3.8	3.4		0.29	0.15	0.28	57	●	●	●	●	
Maxuus (Double Low E Argon IGU)	0.26	3.8	3.6		0.28	0.21	0.34	57	●	●	●	●	
Grilles (Width<1")	0.26	3.8	3.6		0.28	0.19	0.30	57	●	●	●	●	
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.16	0.25	57	●	●	●	●	
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.6		0.28	0.17	0.25	57	●	●	●	●	
Grilles (<1")	0.25	4.0	3.6		0.28	0.15	0.22	57	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.6		0.28	0.13	0.19	57	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.21	0.34	57	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.19	0.30	57	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.17	0.25	57	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.7		0.27	0.17	0.25	57	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7		0.27	0.15	0.22	57	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7		0.27	0.13	0.19	57	●	●	●	●	
Maxuus 7.6 (Triple Pane, Double Low E Argon IGU)	0.17	5.9	4.5		0.22	0.20	0.31	64	●	●	●	●	
Grilles (Width<1")	0.17	5.9	4.3		0.23	0.17	0.27	64	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.16	6.3	4.5		0.22	0.16	0.23	64	●	●	●	●	
Grilles (<1")	0.16	6.3	4.3		0.23	0.14	0.20	64	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.3		0.19	0.19	0.31	67	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.3		0.19	0.17	0.27	67	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.3		0.19	0.16	0.23	67	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.3		0.19	0.14	0.20	67	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	



By PLY GEM

Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified				
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern	
I-Core Spacer - Premier CPD Continued													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.6	PWG-M-46	0.28	0.22	0.44	63	●	●	●	●	
Grilles (Width<1")	0.26	3.8	3.6		0.28	0.20	0.38	63	●	●	●	●	
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.17	0.33	63	●	●	●	●	
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.26	3.8	3.6		0.28	0.19	0.38	63	●	●	●	●	
Grilles (<1")	0.26	3.8	3.6		0.28	0.17	0.33	63	●	●	●	●	
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.15	0.28	63	●	●	●	●	
Maxuus (Double Low E Argon IGU)	0.26	3.8	3.7		0.27	0.21	0.34	64	●	●	●	●	
Grilles (Width<1")	0.26	3.8	3.7		0.27	0.19	0.30	64	●	●	●	●	
Georgian Grilles (Width>1")	0.26	3.8	3.7		0.27	0.16	0.25	64	●	●	●	●	
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.7		0.27	0.17	0.25	64	●	●	●	●	
Grilles (<1")	0.25	4.0	3.7		0.27	0.15	0.22	64	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.7		0.27	0.13	0.19	64	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.21	0.34	64	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.19	0.30	64	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.16	0.25	64	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.17	0.25	64	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.15	0.22	64	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.13	0.19	64	●	●	●	●	
Maxuus 7.6 (Triple Pane, Double Low E Argon IGU)	0.17	5.9	4.8		0.21	0.20	0.31	71	●	●	●	●	
Grilles (Width<1")	0.17	5.9	4.5		0.22	0.17	0.27	71	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.16	6.3	4.8		0.21	0.16	0.23	71	●	●	●	●	
Grilles (<1")	0.16	6.3	4.5		0.22	0.14	0.20	71	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.19	0.31	72	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.17	0.27	72	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.16	0.23	72	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.14	0.20	72	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-	
Premier with Euroglide (CPPD)													
EnergyEdge Spacer													
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.4		PWG-M-47	0.29	0.22	0.44	57	●	●	●	●
Grilles (Width<1")	0.26	3.8	3.4			0.29	0.20	0.38	57	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.4			0.29	0.17	0.33	57	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.26	3.8	3.4			0.29	0.19	0.38	57	●	●	●	●
Grilles (<1")	0.26	3.8	3.4			0.29	0.17	0.33	57	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.4			0.29	0.15	0.28	57	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.26	3.8	3.6			0.28	0.21	0.34	57	●	●	●	●
Grilles (Width<1")	0.26	3.8	3.6			0.28	0.19	0.30	57	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.6			0.28	0.16	0.25	57	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.6			0.28	0.17	0.25	57	●	●	●	●
Grilles (<1")	0.25	4.0	3.6	0.28		0.15	0.22	57	●	●	●	●	
Georgian Grilles (Width>1")	0.25	4.0	3.6	0.28		0.13	0.19	57	●	●	●	●	
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.7	0.27		0.21	0.34	57	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7	0.27		0.19	0.30	57	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7	0.27		0.17	0.25	57	●	●	●	●	
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.7	0.27		0.17	0.25	57	●	●	●	●	
Grilles (Width<1")	0.23	4.3	3.7	0.27		0.15	0.22	57	●	●	●	●	
Georgian Grilles (Width>1")	0.23	4.3	3.7	0.27		0.13	0.19	57	●	●	●	●	
Maxuus 7.6 (Triple Pane, Double Low E Argon IGU)	0.17	5.9	4.5	0.22		0.20	0.31	64	●	●	●	●	
Grilles (Width<1")	0.17	5.9	4.3	0.23		0.17	0.27	63	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.16	6.3	4.5	0.22		0.16	0.23	64	●	●	●	●	
Grilles (<1")	0.16	6.3	4.3	0.23		0.14	0.20	63	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.3	0.19		0.19	0.31	67	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.3	0.19		0.17	0.27	67	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.3	0.19		0.16	0.23	67	●	●	●	●	
Grilles (Width<1")	0.12	8.3	5.3	0.19		0.14	0.20	67	●	●	●	●	
Georgian Grilles (Width>1")	N/A	N/A	N/A	N/A		N/A	N/A	N/A	-	-	-	-	



By PLY GEM

Product Type / Popular Glazing Options	U-Factor (Center of Glass)	R-value (Center of Glass)	Total Unit R-value	NFRC Certified Values					Energy Star Qualified			
				NFRC CPD Number	Total Unit U-Factor	SHGC	VT	CR	Northern	North-Central	South-Central	Southern
I-Core Spacer - Premier with Euroglide CPPD Continued												
Hi-R Plus (Low E Argon IGU)	0.26	3.8	3.6	PWG-M-47	0.28	0.22	0.44	63	●	●	●	●
Grilles (Width<1")	0.26	3.8	3.6		0.28	0.20	0.38	63	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.17	0.33	63	●	●	●	●
Hi-R Plus ^{SC} (Solar Cooling Low E Argon IGU)	0.26	3.8	3.6		0.28	0.19	0.38	63	●	●	●	●
Grilles (<1")	0.26	3.8	3.6		0.28	0.17	0.33	63	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.6		0.28	0.15	0.28	63	●	●	●	●
Maxuus (Double Low E Argon IGU)	0.26	3.8	3.7		0.27	0.21	0.34	64	●	●	●	●
Grilles (Width<1")	0.26	3.8	3.7		0.27	0.19	0.30	64	●	●	●	●
Georgian Grilles (Width>1")	0.26	3.8	3.7		0.27	0.16	0.25	64	●	●	●	●
Maxuus ^{SC} (Solar Cooling Double Low E Argon IGU)	0.25	4.0	3.7		0.27	0.17	0.25	64	●	●	●	●
Grilles (<1")	0.25	4.0	3.7		0.27	0.15	0.22	64	●	●	●	●
Georgian Grilles (Width>1")	0.25	4.0	3.7		0.27	0.13	0.19	64	●	●	●	●
*Maxuus 5 (Double Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.21	0.34	64	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.19	0.30	64	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.16	0.25	64	●	●	●	●
*Maxuus 5 ^{SC} (Double Solar Cooling Low E Krypton IGU)	0.23	4.3	3.8		0.26	0.17	0.25	64	●	●	●	●
Grilles (Width<1")	0.23	4.3	3.8		0.26	0.15	0.22	64	●	●	●	●
Georgian Grilles (Width>1")	0.23	4.3	3.8		0.26	0.13	0.19	64	●	●	●	●
Maxuus 7.6 (Triple Pane, Double Low E Argon IGU)	0.17	5.9	4.8		0.21	0.20	0.31	71	●	●	●	●
Grilles (Width<1")	0.17	5.9	4.5		0.22	0.17	0.27	71	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
Maxuus 7.6 ^{SC} (Triple Pane Double Solar Cooling Low E Argon IGU)	0.16	6.3	4.8		0.21	0.16	0.23	71	●	●	●	●
Grilles (<1")	0.16	6.3	4.5		0.22	0.14	0.20	71	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 (Triple Pane Double Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.19	0.31	72	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.17	0.27	72	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-
*Maxuus 10 ^{SC} (Triple Pane Double Solar Cooling Low E Krypton IGU)	0.12	8.3	5.6		0.18	0.16	0.23	72	●	●	●	●
Grilles (Width<1")	0.12	8.3	5.6		0.18	0.14	0.20	72	●	●	●	●
Georgian Grilles (Width>1")	N/A	N/A	N/A		N/A	N/A	N/A	N/A	-	-	-	-

NFRC (National Fenestration Rating Council)

- CPD - Certified Product Directory
- SHGC - Solar Heat Gain Coefficient
- VT - Visible Light Transmission
- CR - Condensation Resistance

- -Option is Energy Star Qualified per zone.
- * -Double Strength glass values for all Krypton glass options.
- ** - Double Strength glass values with and w/o grilles.



U-Factor - Rate of Heat Loss
R-Value - Resistance to Heat Flow

Total unit values: Single strength glass for all dual & Triple pain windows with and w/o grilles.
 Footnotes: Total unit values: Double strength glass for all dual & triple pane Patio Doors, Picture Windows and Architectural Shapes.