Notice of Product Certification

Company: Produits Boreal, Inc. OA (Fenetres AGM (2015), Inc.)

Address: 500 QC-169 Hebertville-Station, Quebec, Canada G0W 1T0
Code: 2176-1
Certification No: 2176-011
Certification Date: August 24, 2026
Revision Date: N/A
Expiration Date: August 1, 2028

Product/Series Name: 4600 PVC (GROS FIXE)

Report Number: TPE23008-6-C_FIXD-c-32
Operator Type: FIXD
Frame/Sash Type: VY / NA
Specification: CSA A440.2-22
Simulated By: Veridis Solutions
Air Leakage Report No: NCTL-110-19651-1
Revision Notes: N/A

This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. To affirm the certification status, please visit www.namicertification.com. NAMI is accredited to the ISO/IEC 17065 by the Standards Council of Canada

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ER Values

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0001-01	3mm, 7-8, CG70#2-arg97-GCl, ee	0.025(#2)	1.44	0.27	0.53	0.1	24
2176-011-0002-01	3mm, 7-8, CG70#2-arg97-GCl, ee, Grids < 1"	0.025(#2)	1.44	0.24	0.47	0.1	22
2176-011-0003-01	3mm, 7-8, CG70#2-arg97-GCl, ee, Grids >= 1"	0.025(#2)	1.44	0.22	0.42	0.1	21
2176-011-0004-01	3mm, 7-8, CG70#2-arg97-GCl, ee, SDL < 1"	0.025(#2)	1.44	0.24	0.47	0.1	22
2176-011-0005-01	3mm, 7-8, CG70#2-arg97-GCl, ee, SDL >= 1"	0.025(#2)	1.44	0.22	0.42	0.1	21
2176-011-0006-01	3mm, 7-8, GCl-arg97-8071#3, ee	0.082(#3)	1.54	0.55	0.62	0.1	38
2176-011-0007-01	3mm, 7-8, GCl-arg97-8071#3, ee, Grids < 1"	0.082(#3)	1.54	0.49	0.55	0.1	34
2176-011-0008-01	3mm, 7-8, GCl-arg97-8071#3, ee, Grids >= 1"	0.082(#3)	1.54	0.44	0.49	0.1	31
2176-011-0009-01	3mm, 7-8, GCl-arg97-8071#3, ee, SDL < 1"	0.082(#3)	1.54	0.49	0.55	0.1	34
2176-011-0010-01	3mm, 7-8, GCl-arg97-8071#3, ee, SDL >= 1"	0.082(#3)	1.54	0.44	0.49	0.1	31
2176-011-0011-01	3mm, 7-8, GUCl-arg97-8071#3, ee	0.082(#3)	1.54	0.58	0.63	0.1	40
2176-011-0012-01	3mm, 7-8, GUCl-arg97-8071#3, ee, Grids < 1''	0.082(#3)	1.54	0.52	0.56	0.1	36
2176-011-0013-01	3mm, 7-8, GUCl-arg97-8071#3, ee, Grids >= 1''	0.082(#3)	1.54	0.46	0.49	0.1	33
2176-011-0014-01	3mm, 7-8, GUCl-arg97-8071#3, ee, SDL < 1''	0.082(#3)	1.54	0.52	0.56	0.1	36
2176-011-0015-01	3mm, 7-8, GUCl-arg97-8071#3, ee, SDL >= 1''	0.082(#3)	1.54	0.46	0.49	0.1	33
2176-011-0016-01	3mm, 1 1-4, 8071#2-arg97-GCl-arg97-8071#5, ee	0.082(#2) 0.082(#5)	0.96	0.45	0.55	0.1	45
2176-011-0017-01	3mm, 1 1-4, 8071#2-arg97-GCl-arg97-8071#5, ee, Grids < 1''	0.082(#2) 0.082(#5)	0.96	0.41	0.49	0.1	42
2176-011-0018-01	3mm, 1 1-4, 8071#2-arg97-GCl-arg97-8071#5, ee, Grids >= 1''	0.082(#2) 0.082(#5)	0.96	0.36	0.43	0.1	40
2176-011-0019-01	3mm, 1 1-4, 8071#2-arg97-GCl-arg97-8071#5, ee, SDL < 1''	0.082(#2) 0.082(#5)	0.96	0.41	0.49	0.1	42
2176-011-0020-01	3mm, 1 1-4, 8071#2-arg97-GCl-arg97-8071#5, ee, SDL >= 1''	0.082(#2) 0.082(#5)	0.96	0.36	0.43	0.1	40
2176-011-0021-01	3mm, 1 1-4, 8071#2-arg97-GUCl-arg97-8071#5, ee	0.082(#2) 0.082(#5)	0.96	0.46	0.56	0.1	45
2176-011-0022-01	3mm, 1 1-4, 8071#2-arg97-GUCl-arg97-8071#5, ee, Grids < 1''	0.082(#2) 0.082(#5)	0.96	0.42	0.50	0.1	43
2176-011-0023-01	3mm, 1 1-4, 8071#2-arg97-GUCl-arg97-8071#5, ee, Grids >= 1''	0.082(#2) 0.082(#5)	0.96	0.37	0.44	0.1	40
2176-011-0024-01	3mm, 1 1-4, 8071#2-arg97-GUCl-arg97-8071#5, ee, SDL < 1''	0.082(#2) 0.082(#5)	0.96	0.42	0.50	0.1	43
2176-011-0025-01	3mm, 1 1-4, 8071#2-arg97-GUCl-arg97-8071#5, ee, SDL >= 1''	0.082(#2) 0.082(#5)	0.96	0.37	0.44	0.1	40
2176-011-0026-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-CG70#5, ee	0.025(#2) 0.025(#5)	0.89	0.23	0.41	0.1	34
2176-011-0027-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-CG70#5, ee, Grids < 1''	0.025(#2) 0.025(#5)	0.89	0.20	0.36	0.1	32
2176-011-0028-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-CG70#5, ee, Grids >= 1''	0.025(#2) 0.025(#5)	0.89	0.18	0.32	0.1	31
2176-011-0029-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-CG70#5, ee, SDL < 1''	0.025(#2) 0.025(#5)	0.89	0.20	0.36	0.1	32
2176-011-0030-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-CG70#5, ee, SDL >= 1''	0.025(#2) 0.025(#5)	0.89	0.18	0.32	0.1	31

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0031-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-GCl, ee	0.025(#2)	1.15	0.25	0.49	0.1	29
2176-011-0032-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-GCl, ee, Grids < 1''	0.025(#2)	1.15	0.23	0.43	0.1	28
2176-011-0033-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-GCl, ee, Grids >= 1''	0.025(#2)	1.15	0.20	0.38	0.1	26
2176-011-0034-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-GCl, ee, SDL < 1''	0.025(#2)	1.15	0.23	0.43	0.1	28
2176-011-0035-01	3mm, 1 1-4, CG70#2-arg97-GCl-arg97-GCl, ee, SDL >= 1''	0.025(#2)	1.15	0.20	0.38	0.1	26
2176-011-0036-01	3mm, 1 1-4, GCl-arg97-GCl-arg97-8071#5, ee	0.082(#5)	1.18	0.50	0.57	0.1	43
2176-011-0037-01	3mm, 1 1-4, GCl-arg97-GCl-arg97-8071#5, ee, Grids < 1''	0.082(#5)	1.18	0.44	0.50	0.1	39
2176-011-0038-01	3mm, 1 1-4, GCl-arg97-GCl-arg97-8071#5, ee, Grids >= 1''	0.082(#5)	1.18	0.40	0.45	0.1	37
2176-011-0039-01	3mm, 1 1-4, GCl-arg97-GCl-arg97-8071#5, ee, SDL < 1''	0.082(#5)	1.18	0.44	0.50	0.1	39
2176-011-0040-01	3mm, 1 1-4, GCl-arg97-GCl-arg97-8071#5, ee, SDL >= 1''	0.082(#5)	1.18	0.40	0.45	0.1	37
2176-011-0041-01	3mm, 1 1-4, GUCl-arg97-GUCl-arg97-8071#5, ee	0.082(#5)	1.18	0.54	0.58	0.1	45
2176-011-0042-01	3mm, 1 1-4, GUCl-arg97-GUCl-arg97-8071#5, ee, Grids < 1''	0.082(#5)	1.18	0.48	0.51	0.1	42
2176-011-0043-01	3mm, 1 1-4, GUCl-arg97-GUCl-arg97-8071#5, ee, Grids >= 1''	0.082(#5)	1.18	0.43	0.46	0.1	39
2176-011-0044-01	3mm, 1 1-4, GUCl-arg97-GUCl-arg97-8071#5, ee, SDL < 1''	0.082(#5)	1.18	0.48	0.51	0.1	42
2176-011-0045-01	3mm, 1 1-4, GUCl-arg97-GUCl-arg97-8071#5, ee, SDL >= 1''	0.082(#5)	1.18	0.43	0.46	0.1	39
2176-011-0046-01	3mm, 7-8, CG70#2-arg95-PCl, iu	0.025(#2)	1.46	0.27	0.53	0.1	23
2176-011-0047-01	3mm, 7-8, CG70#2-arg95-PCl, iu, Grids < 1''	0.025(#2)	1.46	0.24	0.47	0.1	22
2176-011-0048-01	3mm, 7-8, CG70#2-arg95-PCl, iu, Grids >= 1''	0.025(#2)	1.46	0.22	0.42	0.1	21
2176-011-0049-01	3mm, 7-8, CG70#2-arg95-PCl, iu, SDL < 1''	0.025(#2)	1.46	0.24	0.47	0.1	22
2176-011-0050-01	3mm, 7-8, CG70#2-arg95-PCl, iu, SDL >= 1''	0.025(#2)	1.46	0.22	0.42	0.1	21
2176-011-0051-01	3mm, 7-8, PCl-arg95-8071#3, iu	0.082(#3)	1.55	0.56	0.62	0.1	38
2176-011-0052-01	3mm, 7-8, PCl-arg95-8071#3, iu, Grids < 1''	0.082(#3)	1.55	0.50	0.55	0.1	35
2176-011-0053-01	3mm, 7-8, PCl-arg95-8071#3, iu, Grids >= 1''	0.082(#3)	1.55	0.45	0.49	0.1	32
2176-011-0054-01	3mm, 7-8, PCl-arg95-8071#3, iu, SDL < 1''	0.082(#3)	1.55	0.50	0.55	0.1	35
2176-011-0055-01	3mm, 7-8, PCl-arg95-8071#3, iu, SDL >= 1''	0.082(#3)	1.55	0.45	0.49	0.1	32
2176-011-0056-01	3mm, 7-8, PCl-arg95-PTLUX#3, iu	0.082(#3)	1.56	0.57	0.61	0.1	39
2176-011-0057-01	3mm, 7-8, PCl-arg95-PTLUX#3, iu, Grids < 1''	0.082(#3)	1.56	0.51	0.55	0.1	35
2176-011-0058-01	3mm, 7-8, PCl-arg95-PTLUX#3, iu, Grids >= 1''	0.082(#3)	1.56	0.46	0.48	0.1	32
2176-011-0059-01	3mm, 7-8, PCl-arg95-PTLUX#3, iu, SDL < 1''	0.082(#3)	1.56	0.51	0.55	0.1	35
2176-011-0060-01	3mm, 7-8, PCl-arg95-PTLUX#3, iu, SDL >= 1''	0.082(#3)	1.56	0.46	0.48	0.1	32
2176-011-0061-01	3mm, 7-8, PCl-arg95-SG400#3, iu	0.113(#3)	1.60	0.55	0.61	0.1	37
2176-011-0062-01	3mm, 7-8, PCl-arg95-SG400#3, iu, Grids < 1''	0.113(#3)	1.60	0.50	0.54	0.1	34

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2176-011-0063-01	3mm, 7-8, PCl-arg95-SG400#3, iu, Grids >= 1''	0.113(#3)	1.60	0.44	0.48	0.1	30
2176-011-0064-01	3mm, 7-8, PCl-arg95-SG400#3, iu, SDL < 1''	0.113(#3)	1.60	0.50	0.54	0.1	34
2176-011-0065-01	3mm, 7-8, PCl-arg95-SG400#3, iu, SDL >= 1''	0.113(#3)	1.60	0.44	0.48	0.1	30
2176-011-0066-01	3mm, 7-8, SB60#2-arg95-PCl, iu	0.035(#2)	1.48	0.31	0.56	0.1	25
2176-011-0067-01	3mm, 7-8, SB60#2-arg95-PCl, iu, Grids < 1''	0.035(#2)	1.48	0.28	0.50	0.1	24
2176-011-0068-01	3mm, 7-8, SB60#2-arg95-PCl, iu, Grids >= 1''	0.035(#2)	1.48	0.25	0.44	0.1	22
2176-011-0069-01	3mm, 7-8, SB60#2-arg95-PCl, iu, SDL < 1''	0.035(#2)	1.48	0.28	0.50	0.1	24
2176-011-0070-01	3mm, 7-8, SB60#2-arg95-PCl, iu, SDL >= 1''	0.035(#2)	1.48	0.25	0.44	0.1	22
2176-011-0071-01	3mm, 1 1-4, 8071#2-arg95-PCl-arg95-8071#5, iu	0.082(#2) 0.082(#5)	1.01	0.46	0.55	0.1	44
2176-011-0072-01	3mm, 1 1-4, 8071#2-arg95-PCl-arg95-8071#5, iu, Grids < 1''	0.082(#2) 0.082(#5)	1.01	0.41	0.49	0.1	41
2176-011-0073-01	3mm, 1 1-4, 8071#2-arg95-PCl-arg95-8071#5, iu, Grids >= 1''	0.082(#2) 0.082(#5)	1.01	0.37	0.44	0.1	39
2176-011-0074-01	3mm, 1 1-4, 8071#2-arg95-PCl-arg95-8071#5, iu, SDL < 1''	0.082(#2) 0.082(#5)	1.01	0.41	0.49	0.1	41
2176-011-0075-01	3mm, 1 1-4, 8071#2-arg95-PCl-arg95-8071#5, iu, SDL >= 1''	0.082(#2) 0.082(#5)	1.01	0.37	0.44	0.1	39
2176-011-0076-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-CG70#5, iu	0.025(#2) 0.025(#5)	0.94	0.23	0.41	0.1	33
2176-011-0077-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-CG70#5, iu, Grids < 1''	0.025(#2) 0.025(#5)	0.94	0.20	0.36	0.1	31
2176-011-0078-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-CG70#5, iu, Grids >= 1''	0.025(#2) 0.025(#5)	0.94	0.18	0.32	0.1	30
2176-011-0079-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-CG70#5, iu, SDL < 1''	0.025(#2) 0.025(#5)	0.94	0.20	0.36	0.1	31
2176-011-0080-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-CG70#5, iu, SDL >= 1''	0.025(#2) 0.025(#5)	0.94	0.18	0.32	0.1	30
2176-011-0081-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-PCl, iu	0.025(#2)	1.19	0.25	0.49	0.1	28
2176-011-0082-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-PCl, iu, Grids < 1''	0.025(#2)	1.19	0.23	0.44	0.1	27
2176-011-0083-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-PCl, iu, Grids >= 1''	0.025(#2)	1.19	0.21	0.39	0.1	26
2176-011-0084-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-PCl, iu, SDL < 1''	0.025(#2)	1.19	0.23	0.44	0.1	27
2176-011-0085-01	3mm, 1 1-4, CG70#2-arg95-PCl-arg95-PCl, iu, SDL >= 1''	0.025(#2)	1.19	0.21	0.39	0.1	26
2176-011-0086-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-8071#5, iu	0.082(#5)	1.22	0.51	0.57	0.1	43
2176-011-0087-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-8071#5, iu, Grids < 1''	0.082(#5)	1.22	0.46	0.51	0.1	40
2176-011-0088-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-8071#5, iu, Grids >= 1''	0.082(#5)	1.22	0.41	0.45	0.1	37
2176-011-0089-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-8071#5, iu, SDL < 1''	0.082(#5)	1.22	0.46	0.51	0.1	40
2176-011-0090-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-8071#5, iu, SDL >= 1''	0.082(#5)	1.22	0.41	0.45	0.1	37
2176-011-0091-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-PTLUX#5, iu	0.082(#5)	1.22	0.52	0.56	0.1	43
2176-011-0092-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-PTLUX#5, iu, Grids < 1''	0.082(#5)	1.22	0.47	0.50	0.1	40
2176-011-0093-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-PTLUX#5, iu, Grids >= 1''	0.082(#5)	1.22	0.42	0.44	0.1	37
2176-011-0094-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-PTLUX#5, iu, SDL < 1''	0.082(#5)	1.22	0.47	0.50	0.1	40

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2176-011-0095-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-PTLUX#5, iu, SDL >= 1''	0.082(#5)	1.22	0.42	0.44	0.1	37
2176-011-0096-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-SG400#5, iu	0.113(#5)	1.26	0.50	0.56	0.1	41
2176-011-0097-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-SG400#5, iu, Grids < 1''	0.113(#5)	1.26	0.45	0.50	0.1	38
2176-011-0098-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-SG400#5, iu, Grids >= 1''	0.113(#5)	1.26	0.40	0.44	0.1	35
2176-011-0099-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-SG400#5, iu, SDL < 1''	0.113(#5)	1.26	0.45	0.50	0.1	38
2176-011-0100-01	3mm, 1 1-4, PCl-arg95-PCl-arg95-SG400#5, iu, SDL >= 1''	0.113(#5)	1.26	0.40	0.44	0.1	35
2176-011-0101-01	3mm, 1 1-4, PTLUX#2-arg95-PCl-arg95-PTLUX#5, iu	0.082(#2) 0.082(#5)	1.01	0.46	0.54	0.1	44
2176-011-0102-01	3mm, 1 1-4, PTLUX#2-arg95-PCl-arg95-PTLUX#5, iu, Grids < 1''	0.082(#2) 0.082(#5)	1.01	0.42	0.48	0.1	42
2176-011-0103-01	3mm, 1 1-4, PTLUX#2-arg95-PCl-arg95-PTLUX#5, iu, Grids >= 1''	0.082(#2) 0.082(#5)	1.01	0.37	0.43	0.1	39
2176-011-0104-01	3mm, 1 1-4, PTLUX#2-arg95-PCl-arg95-PTLUX#5, iu, SDL < 1''	0.082(#2) 0.082(#5)	1.01	0.42	0.48	0.1	42
2176-011-0105-01	3mm, 1 1-4, PTLUX#2-arg95-PCl-arg95-PTLUX#5, iu, SDL >= 1''	0.082(#2) 0.082(#5)	1.01	0.37	0.43	0.1	39
2176-011-0106-01	3mm, 1 1-4, SG400#2-arg95-PCl-arg95-SG400#5, iu	0.113(#2) 0.113(#5)	1.05	0.43	0.53	0.1	42
2176-011-0107-01	3mm, 1 1-4, SG400#2-arg95-PCl-arg95-SG400#5, iu, Grids < 1''	0.113(#2) 0.113(#5)	1.05	0.39	0.48	0.1	39
2176-011-0108-01	3mm, 1 1-4, SG400#2-arg95-PCl-arg95-SG400#5, iu, Grids >= 1''	0.113(#2) 0.113(#5)	1.05	0.35	0.42	0.1	37
2176-011-0109-01	3mm, 1 1-4, SG400#2-arg95-PCl-arg95-SG400#5, iu, SDL < 1''	0.113(#2) 0.113(#5)	1.05	0.39	0.48	0.1	39
2176-011-0110-01	3mm, 1 1-4, SG400#2-arg95-PCl-arg95-SG400#5, iu, SDL >= 1''	0.113(#2) 0.113(#5)	1.05	0.35	0.42	0.1	37
2176-011-0111-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-PCl, iu	0.035(#2)	1.20	0.29	0.52	0.1	30
2176-011-0112-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-PCl, iu, Grids < 1''	0.035(#2)	1.20	0.26	0.46	0.1	29
2176-011-0113-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-PCl, iu, Grids >= 1''	0.035(#2)	1.20	0.23	0.41	0.1	27
2176-011-0114-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-PCl, iu, SDL < 1''	0.035(#2)	1.20	0.26	0.46	0.1	29
2176-011-0115-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-PCl, iu, SDL >= 1''	0.035(#2)	1.20	0.23	0.41	0.1	27
2176-011-0116-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-SB60#5, iu	0.035(#2) 0.035(#5)	0.95	0.27	0.46	0.1	35
2176-011-0117-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-SB60#5, iu, Grids < 1''	0.035(#2) 0.035(#5)	0.95	0.24	0.41	0.1	33
2176-011-0118-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-SB60#5, iu, Grids >= 1''	0.035(#2) 0.035(#5)	0.95	0.22	0.36	0.1	32
2176-011-0119-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-SB60#5, iu, SDL < 1''	0.035(#2) 0.035(#5)	0.95	0.24	0.41	0.1	33
2176-011-0120-01	3mm, 1 1-4, SB60#2-arg95-PCl-arg95-SB60#5, iu, SDL >= 1''	0.035(#2) 0.035(#5)	0.95	0.22	0.36	0.1	32
2176-011-0121-01	3mm, 7-8, CG70#2-arg95-GCl, ms	0.025(#2)	1.46	0.27	0.53	0.1	23
2176-011-0122-01	3mm, 7-8, CG70#2-arg95-GCl, ms, Grids < 1''	0.025(#2)	1.46	0.24	0.47	0.1	22
2176-011-0123-01	3mm, 7-8, CG70#2-arg95-GCl, ms, Grids >= 1''	0.025(#2)	1.46	0.22	0.42	0.1	21
2176-011-0124-01	3mm, 7-8, CG70#2-arg95-GCl, ms, SDL < 1''	0.025(#2)	1.46	0.24	0.47	0.1	22
2176-011-0125-01	3mm, 7-8, CG70#2-arg95-GCl, ms, SDL >= 1''	0.025(#2)	1.46	0.22	0.42	0.1	21
2176-011-0126-01	3mm, 7-8, GCl-arg95-8071#3, ms	0.082(#3)	1.56	0.55	0.62	0.1	37

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0127-01	3mm, 7-8, GCl-arg95-8071#3, ms, Grids < 1''	0.082(#3)	1.56	0.49	0.55	0.1	34
2176-011-0128-01	3mm, 7-8, GCl-arg95-8071#3, ms, Grids >= 1''	0.082(#3)	1.56	0.44	0.49	0.1	31
2176-011-0129-01	3mm, 7-8, GCl-arg95-8071#3, ms, SDL < 1''	0.082(#3)	1.56	0.49	0.55	0.1	34
2176-011-0130-01	3mm, 7-8, GCl-arg95-8071#3, ms, SDL >= 1''	0.082(#3)	1.56	0.44	0.49	0.1	31
2176-011-0131-01	3mm, 7-8, GUCl-arg95-8071#3, ms	0.082(#3)	1.56	0.58	0.63	0.1	39
2176-011-0132-01	3mm, 7-8, GUCl-arg95-8071#3, ms, Grids < 1''	0.082(#3)	1.56	0.52	0.56	0.1	36
2176-011-0133-01	3mm, 7-8, GUCl-arg95-8071#3, ms, Grids >= 1''	0.082(#3)	1.56	0.46	0.49	0.1	32
2176-011-0134-01	3mm, 7-8, GUCl-arg95-8071#3, ms, SDL < 1''	0.082(#3)	1.56	0.52	0.56	0.1	36
2176-011-0135-01	3mm, 7-8, GUCl-arg95-8071#3, ms, SDL >= 1''	0.082(#3)	1.56	0.46	0.49	0.1	32
2176-011-0136-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms	0.082(#2) 0.082(#5)	0.99	0.45	0.55	0.1	44
2176-011-0137-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, Grids < 1''	0.082(#2) 0.082(#5)	0.99	0.41	0.49	0.1	42
2176-011-0138-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, Grids >= 1''	0.082(#2) 0.082(#5)	0.99	0.36	0.43	0.1	39
2176-011-0139-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, SDL < 1''	0.082(#2) 0.082(#5)	0.99	0.41	0.49	0.1	42
2176-011-0140-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, SDL >= 1''	0.082(#2) 0.082(#5)	0.99	0.36	0.43	0.1	39
2176-011-0141-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms	0.025(#2) 0.025(#5)	0.92	0.23	0.41	0.1	33
2176-011-0142-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, Grids < 1''	0.025(#2) 0.025(#5)	0.92	0.20	0.36	0.1	31
2176-011-0143-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, Grids >= 1''	0.025(#2) 0.025(#5)	0.92	0.18	0.32	0.1	30
2176-011-0144-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, SDL < 1''	0.025(#2) 0.025(#5)	0.92	0.20	0.36	0.1	31
2176-011-0145-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, SDL >= 1''	0.025(#2) 0.025(#5)	0.92	0.18	0.32	0.1	30
2176-011-0146-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms	0.025(#2)	1.17	0.25	0.49	0.1	29
2176-011-0147-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, Grids < 1''	0.025(#2)	1.17	0.23	0.43	0.1	27
2176-011-0148-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, Grids >= 1''	0.025(#2)	1.17	0.20	0.38	0.1	26
2176-011-0149-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, SDL < 1''	0.025(#2)	1.17	0.23	0.43	0.1	27
2176-011-0150-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, SDL >= 1''	0.025(#2)	1.17	0.20	0.38	0.1	26
2176-011-0151-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms	0.082(#5)	1.20	0.50	0.57	0.1	42
2176-011-0152-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, Grids < 1''	0.082(#5)	1.20	0.44	0.50	0.1	39
2176-011-0153-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, Grids >= 1''	0.082(#5)	1.20	0.40	0.45	0.1	37
2176-011-0154-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, SDL < 1''	0.082(#5)	1.20	0.44	0.50	0.1	39
2176-011-0155-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, SDL >= 1''	0.082(#5)	1.20	0.40	0.45	0.1	37
2176-011-0156-01	3mm, 7-8, GCl-arg95-8071#3, sp	0.082(#3)	1.53	0.55	0.62	0.1	38
2176-011-0157-01	3mm, 7-8, GCl-arg95-8071#3, sp, Grids < 1''	0.082(#3)	1.53	0.49	0.55	0.1	35
2176-011-0158-01	3mm, 7-8, GCl-arg95-8071#3, sp, Grids >= 1''	0.082(#3)	1.53	0.44	0.49	0.1	32

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2176-011-0159-01	3mm, 7-8, GCl-arg95-8071#3, sp, SDL < 1''	0.082(#3)	1.53	0.49	0.55	0.1	35
2176-011-0160-01	3mm, 7-8, GCl-arg95-8071#3, sp, SDL >= 1''	0.082(#3)	1.53	0.44	0.49	0.1	32
2176-011-0161-01	3mm, 7-8, GUCl-arg95-8071#3, sp	0.082(#3)	1.53	0.58	0.63	0.1	40
2176-011-0162-01	3mm, 7-8, GUCl-arg95-8071#3, sp, Grids < 1''	0.082(#3)	1.53	0.52	0.56	0.1	36
2176-011-0163-01	3mm, 7-8, GUCl-arg95-8071#3, sp, Grids >= 1''	0.082(#3)	1.53	0.46	0.49	0.1	33
2176-011-0164-01	3mm, 7-8, GUCl-arg95-8071#3, sp, SDL < 1''	0.082(#3)	1.53	0.52	0.56	0.1	36
2176-011-0165-01	3mm, 7-8, GUCl-arg95-8071#3, sp, SDL >= 1''	0.082(#3)	1.53	0.46	0.49	0.1	33
2176-011-0166-01	3mm, 7-8, CG70#2-arg97-PCl, su	0.025(#2)	1.43	0.27	0.53	0.1	24
2176-011-0167-01	3mm, 7-8, CG70#2-arg97-PCl, su, Grids < 1''	0.025(#2)	1.43	0.24	0.47	0.1	22
2176-011-0168-01	3mm, 7-8, CG70#2-arg97-PCl, su, Grids >= 1''	0.025(#2)	1.43	0.22	0.42	0.1	21
2176-011-0169-01	3mm, 7-8, CG70#2-arg97-PCl, su, SDL < 1''	0.025(#2)	1.43	0.24	0.47	0.1	22
2176-011-0170-01	3mm, 7-8, CG70#2-arg97-PCl, su, SDL >= 1''	0.025(#2)	1.43	0.22	0.42	0.1	21
2176-011-0171-01	3mm, 7-8, PCl-arg97-8071#3, su	0.082(#3)	1.52	0.56	0.62	0.1	39
2176-011-0172-01	3mm, 7-8, PCl-arg97-8071#3, su, Grids < 1''	0.082(#3)	1.52	0.50	0.55	0.1	35
2176-011-0173-01	3mm, 7-8, PCl-arg97-8071#3, su, Grids >= 1''	0.082(#3)	1.52	0.45	0.49	0.1	33
2176-011-0174-01	3mm, 7-8, PCl-arg97-8071#3, su, SDL < 1''	0.082(#3)	1.52	0.50	0.55	0.1	35
2176-011-0175-01	3mm, 7-8, PCl-arg97-8071#3, su, SDL >= 1''	0.082(#3)	1.52	0.45	0.49	0.1	33
2176-011-0176-01	3mm, 7-8, PCl-arg97-PTLUX#3, su	0.082(#3)	1.52	0.57	0.61	0.1	39
2176-011-0177-01	3mm, 7-8, PCl-arg97-PTLUX#3, su, Grids < 1''	0.082(#3)	1.52	0.51	0.55	0.1	36
2176-011-0178-01	3mm, 7-8, PCl-arg97-PTLUX#3, su, Grids >= 1''	0.082(#3)	1.52	0.46	0.48	0.1	33
2176-011-0179-01	3mm, 7-8, PCl-arg97-PTLUX#3, su, SDL < 1''	0.082(#3)	1.52	0.51	0.55	0.1	36
2176-011-0180-01	3mm, 7-8, PCl-arg97-PTLUX#3, su, SDL >= 1''	0.082(#3)	1.52	0.46	0.48	0.1	33
2176-011-0181-01	3mm, 7-8, PCl-arg97-SG400#3, su	0.113(#3)	1.57	0.55	0.61	0.1	37
2176-011-0182-01	3mm, 7-8, PCl-arg97-SG400#3, su, Grids < 1''	0.113(#3)	1.57	0.50	0.54	0.1	34
2176-011-0183-01	3mm, 7-8, PCl-arg97-SG400#3, su, Grids >= 1''	0.113(#3)	1.57	0.44	0.48	0.1	31
2176-011-0184-01	3mm, 7-8, PCl-arg97-SG400#3, su, SDL < 1''	0.113(#3)	1.57	0.50	0.54	0.1	34
2176-011-0185-01	3mm, 7-8, PCl-arg97-SG400#3, su, SDL >= 1''	0.113(#3)	1.57	0.44	0.48	0.1	31
2176-011-0186-01	3mm, 1, PTOne#2-arg95-PLUX, su	0.029(#2)	1.46	0.35	0.55	0.1	28
2176-011-0187-01	3mm, 1, PTOne#2-arg95-PLUX, su, Grids < 1''	0.029(#2)	1.46	0.31	0.49	0.1	26
2176-011-0188-01	3mm, 1, PTOne#2-arg95-PLUX, su, Grids >= 1''	0.029(#2)	1.46	0.28	0.43	0.1	24
2176-011-0189-01	3mm, 1, PTOne#2-arg95-PLUX, su, SDL < 1''	0.029(#2)	1.46	0.31	0.49	0.1	26
2176-011-0190-01	3mm, 1, PTOne#2-arg95-PLUX, su, SDL >= 1''	0.029(#2)	1.46	0.28	0.43	0.1	24

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0191-01	3mm, 7-8, PTOne#2-arg95-PLUX, su	0.029(#2)	1.44	0.35	0.55	0.1	28
2176-011-0192-01	3mm, 7-8, PTOne#2-arg95-PLUX, su, Grids < 1''	0.029(#2)	1.44	0.31	0.49	0.1	26
2176-011-0193-01	3mm, 7-8, PTOne#2-arg95-PLUX, su, Grids >= 1''	0.029(#2)	1.44	0.28	0.43	0.1	24
2176-011-0194-01	3mm, 7-8, PTOne#2-arg95-PLUX, su, SDL < 1''	0.029(#2)	1.44	0.31	0.49	0.1	26
2176-011-0195-01	3mm, 7-8, PTOne#2-arg95-PLUX, su, SDL >= 1''	0.029(#2)	1.44	0.28	0.43	0.1	24
2176-011-0196-01	3mm, 1, PLUX-arg95-PTLUX#3, su	0.082(#3)	1.55	0.57	0.61	0.1	39
2176-011-0197-01	3mm, 1, PLUX-arg95-PTLUX#3, su, Grids < 1''	0.082(#3)	1.55	0.51	0.55	0.1	35
2176-011-0198-01	3mm, 1, PLUX-arg95-PTLUX#3, su, Grids >= 1''	0.082(#3)	1.55	0.45	0.48	0.1	32
2176-011-0199-01	3mm, 1, PLUX-arg95-PTLUX#3, su, SDL < 1''	0.082(#3)	1.55	0.51	0.55	0.1	35
2176-011-0200-01	3mm, 1, PLUX-arg95-PTLUX#3, su, SDL >= 1''	0.082(#3)	1.55	0.45	0.48	0.1	32
2176-011-0201-01	3mm, 7-8, PLUX-arg95-PTLUX#3, su	0.082(#3)	1.53	0.57	0.61	0.1	39
2176-011-0202-01	3mm, 7-8, PLUX-arg95-PTLUX#3, su, Grids < 1''	0.082(#3)	1.53	0.51	0.55	0.1	36
2176-011-0203-01	3mm, 7-8, PLUX-arg95-PTLUX#3, su, Grids >= 1''	0.082(#3)	1.53	0.45	0.48	0.1	32
2176-011-0204-01	3mm, 7-8, PLUX-arg95-PTLUX#3, su, SDL < 1''	0.082(#3)	1.53	0.51	0.55	0.1	36
2176-011-0205-01	3mm, 7-8, PLUX-arg95-PTLUX#3, su, SDL >= 1''	0.082(#3)	1.53	0.45	0.48	0.1	32
2176-011-0206-01	3mm, 7-8, SB60#2-arg97-PCl, su	0.035(#2)	1.45	0.31	0.56	0.1	26
2176-011-0207-01	3mm, 7-8, SB60#2-arg97-PCl, su, Grids < 1''	0.035(#2)	1.45	0.28	0.50	0.1	24
2176-011-0208-01	3mm, 7-8, SB60#2-arg97-PCl, su, Grids >= 1''	0.035(#2)	1.45	0.25	0.44	0.1	22
2176-011-0209-01	3mm, 7-8, SB60#2-arg97-PCl, su, SDL < 1''	0.035(#2)	1.45	0.28	0.50	0.1	24
2176-011-0210-01	3mm, 7-8, SB60#2-arg97-PCl, su, SDL >= 1''	0.035(#2)	1.45	0.25	0.44	0.1	22
2176-011-0211-01	3mm, 1 1-4, 8071#2-arg97-PCl-arg97-8071#5, su	0.082(#2) 0.082(#5)	1.00	0.46	0.55	0.1	44
2176-011-0212-01	3mm, 1 1-4, 8071#2-arg97-PCl-arg97-8071#5, su, Grids < 1''	0.082(#2) 0.082(#5)	1.00	0.41	0.49	0.1	42
2176-011-0213-01	3mm, 1 1-4, 8071#2-arg97-PCl-arg97-8071#5, su, Grids >= 1''	0.082(#2) 0.082(#5)	1.00	0.37	0.44	0.1	39
2176-011-0214-01	3mm, 1 1-4, 8071#2-arg97-PCl-arg97-8071#5, su, SDL < 1''	0.082(#2) 0.082(#5)	1.00	0.41	0.49	0.1	42
2176-011-0215-01	3mm, 1 1-4, 8071#2-arg97-PCl-arg97-8071#5, su, SDL >= 1''	0.082(#2) 0.082(#5)	1.00	0.37	0.44	0.1	39
2176-011-0216-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-CG70#5, su	0.025(#2) 0.025(#5)	0.93	0.23	0.41	0.1	33
2176-011-0217-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-CG70#5, su, Grids < 1''	0.025(#2) 0.025(#5)	0.93	0.20	0.36	0.1	31
2176-011-0218-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-CG70#5, su, Grids >= 1''	0.025(#2) 0.025(#5)	0.93	0.18	0.32	0.1	30
2176-011-0219-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-CG70#5, su, SDL < 1''	0.025(#2) 0.025(#5)	0.93	0.20	0.36	0.1	31
2176-011-0220-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-CG70#5, su, SDL >= 1''	0.025(#2) 0.025(#5)	0.93	0.18	0.32	0.1	30
2176-011-0221-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-PCl, su	0.025(#2)	1.17	0.25	0.49	0.1	29
2176-011-0222-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-PCl, su, Grids < 1''	0.025(#2)	1.17	0.23	0.44	0.1	27

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2176-011-0223-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-PCl, su, Grids >= 1''	0.025(#2)	1.17	0.21	0.39	0.1	26
2176-011-0224-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-PCl, su, SDL < 1''	0.025(#2)	1.17	0.23	0.44	0.1	27
2176-011-0225-01	3mm, 1 1-4, CG70#2-arg97-PCl-arg97-PCl, su, SDL >= 1''	0.025(#2)	1.17	0.21	0.39	0.1	26
2176-011-0226-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-8071#5, su	0.082(#5)	1.21	0.51	0.57	0.1	43
2176-011-0227-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-8071#5, su, Grids < 1''	0.082(#5)	1.21	0.46	0.51	0.1	40
2176-011-0228-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-8071#5, su, Grids >= 1''	0.082(#5)	1.21	0.41	0.45	0.1	37
2176-011-0229-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-8071#5, su, SDL < 1''	0.082(#5)	1.21	0.46	0.51	0.1	40
2176-011-0230-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-8071#5, su, SDL >= 1''	0.082(#5)	1.21	0.41	0.45	0.1	37
2176-011-0231-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-PTLUX#5, su	0.082(#5)	1.21	0.52	0.56	0.1	43
2176-011-0232-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-PTLUX#5, su, Grids < 1''	0.082(#5)	1.21	0.47	0.50	0.1	40
2176-011-0233-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-PTLUX#5, su, Grids >= 1''	0.082(#5)	1.21	0.42	0.44	0.1	38
2176-011-0234-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-PTLUX#5, su, SDL < 1''	0.082(#5)	1.21	0.47	0.50	0.1	40
2176-011-0235-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-PTLUX#5, su, SDL >= 1''	0.082(#5)	1.21	0.42	0.44	0.1	38
2176-011-0236-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-SG400#5, su	0.113(#5)	1.25	0.50	0.56	0.1	41
2176-011-0237-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-SG400#5, su, Grids < 1''	0.113(#5)	1.25	0.45	0.50	0.1	38
2176-011-0238-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-SG400#5, su, Grids >= 1''	0.113(#5)	1.25	0.40	0.44	0.1	36
2176-011-0239-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-SG400#5, su, SDL < 1''	0.113(#5)	1.25	0.45	0.50	0.1	38
2176-011-0240-01	3mm, 1 1-4, PCl-arg97-PCl-arg97-SG400#5, su, SDL >= 1''	0.113(#5)	1.25	0.40	0.44	0.1	36
2176-011-0241-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PLUX, su	0.029(#2)	1.18	0.33	0.50	0.1	33
2176-011-0242-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PLUX, su, Grids < 1''	0.029(#2)	1.18	0.29	0.45	0.1	31
2176-011-0243-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PLUX, su, Grids >= 1''	0.029(#2)	1.18	0.26	0.40	0.1	29
2176-011-0244-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PLUX, su, SDL < 1''	0.029(#2)	1.18	0.29	0.45	0.1	31
2176-011-0245-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PLUX, su, SDL >= 1''	0.029(#2)	1.18	0.26	0.40	0.1	29
2176-011-0246-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PTOne#5, su	0.029(#2) 0.029(#5)	0.94	0.27	0.44	0.1	35
2176-011-0247-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PTOne#5, su, Grids < 1''	0.029(#2) 0.029(#5)	0.94	0.25	0.39	0.1	34
2176-011-0248-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PTOne#5, su, Grids >= 1''	0.029(#2) 0.029(#5)	0.94	0.22	0.35	0.1	32
2176-011-0249-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PTOne#5, su, SDL < 1''	0.029(#2) 0.029(#5)	0.94	0.25	0.39	0.1	34
2176-011-0250-01	3mm, 1 1-4, PTOne#2-arg95-PLUX-arg95-PTOne#5, su, SDL >= 1''	0.029(#2) 0.029(#5)	0.94	0.22	0.35	0.1	32
2176-011-0251-01	3mm, 1 1-4, PLUX-arg95-PLUX-arg95-PTLUX#5, su	0.082(#5)	1.22	0.51	0.56	0.1	43

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0252-01	3mm, 1 1-4, PLUX-arg95-PLUX-arg95-PTLUX#5, su, Grids < 1''	0.082(#5)	1.22	0.46	0.50	0.1	40
2176-011-0253-01	3mm, 1 1-4, PLUX-arg95-PLUX-arg95-PTLUX#5, su, Grids >= 1''	0.082(#5)	1.22	0.41	0.44	0.1	37
2176-011-0254-01	3mm, 1 1-4, PLUX-arg95-PLUX-arg95-PTLUX#5, su, SDL < 1''	0.082(#5)	1.22	0.46	0.50	0.1	40
2176-011-0255-01	3mm, 1 1-4, PLUX-arg95-PLUX-arg95-PTLUX#5, su, SDL >= 1''	0.082(#5)	1.22	0.41	0.44	0.1	37
2176-011-0256-01	3mm, 1 1-4, PTLUX#2-arg97-PCl-arg97-PTLUX#5, su	0.082(#2) 0.082(#5)	1.00	0.46	0.54	0.1	44
2176-011-0257-01	3mm, 1 1-4, PTLUX#2-arg97-PCl-arg97-PTLUX#5, su, Grids < 1''	0.082(#2) 0.082(#5)	1.00	0.42	0.48	0.1	42
2176-011-0258-01	3mm, 1 1-4, PTLUX#2-arg97-PCl-arg97-PTLUX#5, su, Grids >= 1''	0.082(#2) 0.082(#5)	1.00	0.37	0.43	0.1	39
2176-011-0259-01	3mm, 1 1-4, PTLUX#2-arg97-PCl-arg97-PTLUX#5, su, SDL < 1''	0.082(#2) 0.082(#5)	1.00	0.42	0.48	0.1	42
2176-011-0260-01	3mm, 1 1-4, PTLUX#2-arg97-PCl-arg97-PTLUX#5, su, SDL >= 1''	0.082(#2) 0.082(#5)	1.00	0.37	0.43	0.1	39
2176-011-0261-01	3mm, 1 1-4, PTLUX#2-arg95-PLUX-arg95-PTLUX#5, su	0.082(#2) 0.082(#5)	1.00	0.46	0.54	0.1	44
2176-011-0262-01	3mm, 1 1-4, PTLUX#2-arg95-PLUX-arg95-PTLUX#5, su, Grids < 1''	0.082(#2) 0.082(#5)	1.00	0.41	0.48	0.1	42
2176-011-0263-01	3mm, 1 1-4, PTLUX#2-arg95-PLUX-arg95-PTLUX#5, su, Grids >= 1''	0.082(#2) 0.082(#5)	1.00	0.37	0.43	0.1	39
2176-011-0264-01	3mm, 1 1-4, PTLUX#2-arg95-PLUX-arg95-PTLUX#5, su, SDL < 1''	0.082(#2) 0.082(#5)	1.00	0.41	0.48	0.1	42
2176-011-0265-01	3mm, 1 1-4, PTLUX#2-arg95-PLUX-arg95-PTLUX#5, su, SDL >= 1''	0.082(#2) 0.082(#5)	1.00	0.37	0.43	0.1	39
2176-011-0266-01	3mm, 1 1-4, SG400#2-arg97-PCl-arg97-SG400#5, su	0.113(#2) 0.113(#5)	1.04	0.43	0.53	0.1	42
2176-011-0267-01	3mm, 1 1-4, SG400#2-arg97-PCl-arg97-SG400#5, su, Grids < 1''	0.113(#2) 0.113(#5)	1.04	0.39	0.48	0.1	40
2176-011-0268-01	3mm, 1 1-4, SG400#2-arg97-PCl-arg97-SG400#5, su, Grids >= 1''	0.113(#2) 0.113(#5)	1.04	0.35	0.42	0.1	37
2176-011-0269-01	3mm, 1 1-4, SG400#2-arg97-PCl-arg97-SG400#5, su, SDL < 1''	0.113(#2) 0.113(#5)	1.04	0.39	0.48	0.1	40
2176-011-0270-01	3mm, 1 1-4, SG400#2-arg97-PCl-arg97-SG400#5, su, SDL >= 1''	0.113(#2) 0.113(#5)	1.04	0.35	0.42	0.1	37
2176-011-0271-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-PCl, su	0.035(#2)	1.18	0.29	0.52	0.1	31
2176-011-0272-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-PCl, su, Grids < 1''	0.035(#2)	1.18	0.26	0.46	0.1	29
2176-011-0273-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-PCl, su, Grids >= 1''	0.035(#2)	1.18	0.23	0.41	0.1	27
2176-011-0274-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-PCl, su, SDL < 1''	0.035(#2)	1.18	0.26	0.46	0.1	29
2176-011-0275-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-PCl, su, SDL >= 1''	0.035(#2)	1.18	0.23	0.41	0.1	27
2176-011-0276-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-SB60#5, su	0.035(#2) 0.035(#5)	0.94	0.27	0.46	0.1	35
2176-011-0277-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-SB60#5, su, Grids < 1''	0.035(#2) 0.035(#5)	0.94	0.24	0.41	0.1	33
2176-011-0278-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-SB60#5, su, Grids >= 1''	0.035(#2) 0.035(#5)	0.94	0.22	0.36	0.1	32
2176-011-0279-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-SB60#5, su, SDL < 1''	0.035(#2) 0.035(#5)	0.94	0.24	0.41	0.1	33
2176-011-0280-01	3mm, 1 1-4, SB60#2-arg97-PCl-arg97-SB60#5, su, SDL >= 1''	0.035(#2) 0.035(#5)	0.94	0.22	0.36	0.1	32

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0281-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-272#5, ms	0.042(#2) 0.042(#5)	0.94	0.27	0.44	0.1	35
2176-011-0282-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-272#5, ms, Grids < 1''	0.042(#2) 0.042(#5)	0.94	0.25	0.39	0.1	34
2176-011-0283-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-272#5, ms, Grids >= 1''	0.042(#2) 0.042(#5)	0.94	0.22	0.35	0.1	32
2176-011-0284-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-272#5, ms, SDL < 1''	0.042(#2) 0.042(#5)	0.94	0.25	0.39	0.1	34
2176-011-0285-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-272#5, ms, SDL >= 1''	0.042(#2) 0.042(#5)	0.94	0.22	0.35	0.1	32
2176-011-0286-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-GCl, ms	0.042(#2)	1.19	0.30	0.51	0.1	31
2176-011-0287-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-GCl, ms, Grids < 1''	0.042(#2)	1.19	0.27	0.45	0.1	29
2176-011-0288-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-GCl, ms, Grids >= 1''	0.042(#2)	1.19	0.24	0.40	0.1	28
2176-011-0289-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-GCl, ms, SDL < 1''	0.042(#2)	1.19	0.27	0.45	0.1	29
2176-011-0290-01	3mm, 1 1-4, 272#2-arg95-GCl-arg95-GCl, ms, SDL >= 1''	0.042(#2)	1.19	0.24	0.40	0.1	28
2176-011-0291-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-LOF#5, ms	0.164(#5)	1.28	0.52	0.54	0.1	42
2176-011-0292-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-LOF#5, ms, Grids < 1''	0.164(#5)	1.28	0.47	0.48	0.1	39
2176-011-0293-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-LOF#5, ms, Grids >= 1''	0.164(#5)	1.28	0.42	0.43	0.1	36
2176-011-0294-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-LOF#5, ms, SDL < 1''	0.164(#5)	1.28	0.47	0.48	0.1	39
2176-011-0295-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-LOF#5, ms, SDL >= 1''	0.164(#5)	1.28	0.42	0.43	0.1	36
2176-011-0296-01	3mm, 1 1-4, LOF#2-arg95-GCl-arg95-LOF#5, ms	0.164(#2) 0.164(#5)	1.08	0.47	0.51	0.1	43
2176-011-0297-01	3mm, 1 1-4, LOF#2-arg95-GCl-arg95-LOF#5, ms, Grids < 1''	0.164(#2) 0.164(#5)	1.08	0.42	0.45	0.1	40
2176-011-0298-01	3mm, 1 1-4, LOF#2-arg95-GCl-arg95-LOF#5, ms, Grids >= 1''	0.164(#2) 0.164(#5)	1.08	0.38	0.40	0.1	38
2176-011-0299-01	3mm, 1 1-4, LOF#2-arg95-GCl-arg95-LOF#5, ms, SDL < 1''	0.164(#2) 0.164(#5)	1.08	0.42	0.45	0.1	40
2176-011-0300-01	3mm, 1 1-4, LOF#2-arg95-GCl-arg95-LOF#5, ms, SDL >= 1''	0.164(#2) 0.164(#5)	1.08	0.38	0.40	0.1	38
2176-011-0301-01	3mm, 7-8, 272#2-arg95-GCl, sp	0.042(#2)	1.46	0.32	0.55	0.1	26
2176-011-0302-01	3mm, 7-8, 272#2-arg95-GCl, sp, Grids < 1''	0.042(#2)	1.46	0.29	0.49	0.1	25
2176-011-0303-01	3mm, 7-8, 272#2-arg95-GCl, sp, Grids >= 1''	0.042(#2)	1.46	0.26	0.44	0.1	23
2176-011-0304-01	3mm, 7-8, 272#2-arg95-GCl, sp, SDL < 1''	0.042(#2)	1.46	0.29	0.49	0.1	25
2176-011-0305-01	3mm, 7-8, 272#2-arg95-GCl, sp, SDL >= 1''	0.042(#2)	1.46	0.26	0.44	0.1	23
2176-011-0306-01	3mm, 7-8, GCl-arg95-LOF#3, sp	0.164(#3)	1.65	0.58	0.59	0.1	37
2176-011-0307-01	3mm, 7-8, GCl-arg95-LOF#3, sp, Grids < 1''	0.164(#3)	1.65	0.52	0.53	0.1	34
2176-011-0308-01	3mm, 7-8, GCl-arg95-LOF#3, sp, Grids >= 1''	0.164(#3)	1.65	0.46	0.47	0.1	30
2176-011-0309-01	3mm, 7-8, GCl-arg95-LOF#3, sp, SDL < 1''	0.164(#3)	1.65	0.52	0.53	0.1	34
2176-011-0310-01	3mm, 7-8, GCl-arg95-LOF#3, sp, SDL >= 1''	0.164(#3)	1.65	0.46	0.47	0.1	30
2176-011-0311-01	3mm, 7-8, GCl-arg95-8071#3, dl	0.082(#3)	1.55	0.55	0.62	0.1	38
2176-011-0312-01	3mm, 7-8, GCl-arg95-8071#3, dl, Grids < 1''	0.082(#3)	1.55	0.49	0.55	0.1	34

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0313-01	3mm, 7-8, GCl-arg95-8071#3, dl, Grids >= 1''	0.082(#3)	1.55	0.44	0.49	0.1	31
2176-011-0314-01	3mm, 7-8, GCl-arg95-8071#3, dl, SDL < 1''	0.082(#3)	1.55	0.49	0.55	0.1	34
2176-011-0315-01	3mm, 7-8, GCl-arg95-8071#3, dl, SDL >= 1''	0.082(#3)	1.55	0.44	0.49	0.1	31
2176-011-0316-01	3mm, 7-8, GCl-arg95-LOF#3, dl	0.164(#3)	1.67	0.58	0.59	0.1	37
2176-011-0317-01	3mm, 7-8, GCl-arg95-LOF#3, dl, Grids < 1''	0.164(#3)	1.67	0.52	0.53	0.1	33
2176-011-0318-01	3mm, 7-8, GCl-arg95-LOF#3, dl, Grids >= 1''	0.164(#3)	1.67	0.46	0.47	0.1	30
2176-011-0319-01	3mm, 7-8, GCl-arg95-LOF#3, dl, SDL < 1''	0.164(#3)	1.67	0.52	0.53	0.1	33
2176-011-0320-01	3mm, 7-8, GCl-arg95-LOF#3, dl, SDL >= 1''	0.164(#3)	1.67	0.46	0.47	0.1	30
2176-011-0321-01	3mm, 7-8, GCl-arg95-LOF#3, ms	0.164(#3)	1.68	0.58	0.59	0.1	37
2176-011-0322-01	3mm, 7-8, GCl-arg95-LOF#3, ms, Grids < 1''	0.164(#3)	1.68	0.52	0.53	0.1	33
2176-011-0323-01	3mm, 7-8, GCl-arg95-LOF#3, ms, Grids >= 1''	0.164(#3)	1.68	0.46	0.47	0.1	30
2176-011-0324-01	3mm, 7-8, GCl-arg95-LOF#3, ms, SDL < 1''	0.164(#3)	1.68	0.52	0.53	0.1	33
2176-011-0325-01	3mm, 7-8, GCl-arg95-LOF#3, ms, SDL >= 1''	0.164(#3)	1.68	0.46	0.47	0.1	30
2176-011-0326-01	3mm, 7-8, STCl-arg97-SG400#3, su	0.113(#3)	1.57	0.57	0.61	0.1	38
2176-011-0327-01	3mm, 7-8, STCl-arg97-SG400#3, su, Grids < 1''	0.113(#3)	1.57	0.51	0.55	0.1	35
2176-011-0328-01	3mm, 7-8, STCl-arg97-SG400#3, su, Grids >= 1''	0.113(#3)	1.57	0.45	0.48	0.1	31
2176-011-0329-01	3mm, 7-8, STCl-arg97-SG400#3, su, SDL < 1''	0.113(#3)	1.57	0.51	0.55	0.1	35
2176-011-0330-01	3mm, 7-8, STCl-arg97-SG400#3, su, SDL >= 1''	0.113(#3)	1.57	0.45	0.48	0.1	31
2176-011-0331-01	3mm, 7-8, GUCl-arg95-LOF#3, sp	0.164(#3)	1.65	0.61	0.60	0.1	39
2176-011-0332-01	3mm, 7-8, GUCl-arg95-LOF#3, sp, Grids < 1''	0.164(#3)	1.65	0.54	0.53	0.1	35
2176-011-0333-01	3mm, 7-8, GUCl-arg95-LOF#3, sp, Grids >= 1''	0.164(#3)	1.65	0.48	0.47	0.1	31
2176-011-0334-01	3mm, 7-8, GUCl-arg95-LOF#3, sp, SDL < 1''	0.164(#3)	1.65	0.54	0.53	0.1	35
2176-011-0335-01	3mm, 7-8, GUCl-arg95-LOF#3, sp, SDL >= 1''	0.164(#3)	1.65	0.48	0.47	0.1	31
2176-011-0336-01	3mm, 1 1-4, PCl-arg95-8071#3-arg95-8071#5, iu	0.082(#3) 0.082(#5)	1.01	0.48	0.55	0.1	45
2176-011-0337-01	3mm, 1 1-4, PCl-arg95-8071#3-arg95-8071#5, iu, Grids < 1''	0.082(#3) 0.082(#5)	1.01	0.43	0.49	0.1	43
2176-011-0338-01	3mm, 1 1-4, PCl-arg95-8071#3-arg95-8071#5, iu, Grids >= 1''	0.082(#3) 0.082(#5)	1.01	0.39	0.44	0.1	40
2176-011-0339-01	3mm, 1 1-4, PCl-arg95-8071#3-arg95-8071#5, iu, SDL < 1''	0.082(#3) 0.082(#5)	1.01	0.43	0.49	0.1	43
2176-011-0340-01	3mm, 1 1-4, PCl-arg95-8071#3-arg95-8071#5, iu, SDL >= 1''	0.082(#3) 0.082(#5)	1.01	0.39	0.44	0.1	40
2176-011-0341-01	3mm, 1 1-4, PCl-arg95-PTLUX#3-arg95-PTLUX#5, iu	0.082(#3) 0.082(#5)	1.01	0.50	0.54	0.1	47
2176-011-0342-01	3mm, 1 1-4, PCl-arg95-PTLUX#3-arg95-PTLUX#5, iu, Grids < 1''	0.082(#3) 0.082(#5)	1.01	0.45	0.48	0.1	44
2176-011-0343-01	3mm, 1 1-4, PCl-arg95-PTLUX#3-arg95-PTLUX#5, iu, Grids >= 1''	0.082(#3) 0.082(#5)	1.01	0.40	0.43	0.1	41
2176-011-0344-01	3mm, 1 1-4, PCl-arg95-PTLUX#3-arg95-PTLUX#5, iu, SDL < 1''	0.082(#3) 0.082(#5)	1.01	0.45	0.48	0.1	44

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (M)	SHGC (w)	VT	Air Leakage	ER
2176-011-0345-01	3mm, 1 1-4, PCl-arg95-PTLUX#3-arg95-PTLUX#5, iu, SDL >= 1''	0.082(#3) 0.082(#5)	1.01	0.40	0.43	0.1	41
2176-011-0346-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms	0.082(#3) 0.082(#5)	0.99	0.48	0.55	0.1	46
2176-011-0347-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, Grids < 1''	0.082(#3) 0.082(#5)	0.99	0.43	0.49	0.1	43
2176-011-0348-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, Grids >= 1''	0.082(#3) 0.082(#5)	0.99	0.38	0.43	0.1	40
2176-011-0349-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, SDL < 1''	0.082(#3) 0.082(#5)	0.99	0.43	0.49	0.1	43
2176-011-0350-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, SDL >= 1''	0.082(#3) 0.082(#5)	0.99	0.38	0.43	0.1	40