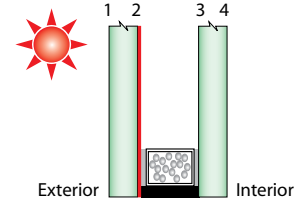


**INSULATING GLASS DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard SuperNeutral</b>			Coating #2 Surface						6 mm/12 mm a.s./6 mm					
SNX 62/27	UltraWhite - UltraWhite	Ultra Clear	<b>63</b>	7	24	11	12	48	0.29	0.24	65	0.31	<b>0.27</b>	2.36
	Clear - Clear	Clear	<b>62</b>	6	23	11	12	39	0.29	0.24	65	0.31	<b>0.27</b>	2.30
	Green - Clear	Green	<b>52</b>	3	18	9	11	11	0.29	0.24	59	0.28	<b>0.25</b>	2.13
	TwilightGreen - Clear	Dark Green	<b>46</b>	2	16	8	11	8	0.29	0.24	54	0.25	<b>0.22</b>	2.08
	CrystalGray - Clear	Light Gray	<b>45</b>	4	17	8	11	19	0.29	0.24	55	0.25	<b>0.22</b>	1.99
	Gray - Clear	Gray	<b>30</b>	3	12	6	10	19	0.29	0.24	44	0.20	<b>0.18</b>	1.69
SNX 51/23	UltraWhite - UltraWhite	Light Blue	<b>52</b>	11	20	14	13	42	0.29	0.24	57	0.27	<b>0.23</b>	2.24
	Clear - Clear	Light Blue	<b>51</b>	10	19	14	13	35	0.29	0.24	57	0.27	<b>0.23</b>	2.18
	Green - Clear	Blue-Green	<b>43</b>	5	15	11	13	11	0.29	0.24	53	0.25	<b>0.22</b>	1.99
	TwilightGreen - Clear	Dark Green	<b>38</b>	3	13	10	13	8	0.29	0.24	49	0.22	<b>0.20</b>	1.93
	CrystalGray - Clear	Light Gray	<b>37</b>	6	14	9	13	17	0.29	0.24	49	0.23	<b>0.20</b>	1.85
	Gray - Clear	Gray	<b>25</b>	5	10	7	12	17	0.29	0.24	40	0.18	<b>0.16</b>	1.55
SN 68	UltraWhite - UltraWhite	Ultra Clear	<b>69</b>	32	36	11	12	39	0.29	0.25	93	0.44	<b>0.39</b>	1.79
	Clear - Clear	Clear	<b>68</b>	29	33	11	12	32	0.29	0.25	90	0.43	<b>0.38</b>	1.80
	Green - Clear	Green	<b>58</b>	14	24	9	11	9	0.29	0.25	73	0.34	<b>0.30</b>	1.91
	TwilightGreen - Clear	Dark Green	<b>51</b>	9	20	8	11	7	0.29	0.25	64	0.30	<b>0.27</b>	1.93
	CrystalGray - Clear	Light Gray	<b>49</b>	17	24	8	11	16	0.29	0.25	72	0.34	<b>0.30</b>	1.65
	Gray - Clear	Gray	<b>33</b>	13	18	6	10	15	0.29	0.25	60	0.28	<b>0.25</b>	1.35
SN 62	UltraWhite - UltraWhite	Ultra Clear	<b>63</b>	15	28	11	14	40	0.29	0.24	76	0.36	<b>0.32</b>	2.00
	Clear - Clear	Clear	<b>62</b>	14	27	11	14	33	0.29	0.24	75	0.36	<b>0.31</b>	1.99
	CrystalGray - Clear	Light Gray	<b>45</b>	8	19	8	13	16	0.29	0.24	62	0.29	<b>0.25</b>	1.77
SN 54	UltraWhite - UltraWhite	Ultra Clear	<b>55</b>	17	25	13	18	40	0.29	0.24	69	0.33	<b>0.28</b>	1.93
	Clear - Clear	Clear	<b>54</b>	15	23	13	18	33	0.29	0.24	68	0.32	<b>0.28</b>	1.91
	Green - Clear	Green	<b>46</b>	7	17	10	18	10	0.29	0.24	59	0.27	<b>0.24</b>	1.88
	TwilightGreen - Clear	Dark Green	<b>41</b>	4	15	9	17	8	0.29	0.24	53	0.25	<b>0.22</b>	1.86
	CrystalGray - Clear	Light Gray	<b>39</b>	9	17	9	17	17	0.29	0.24	57	0.26	<b>0.23</b>	1.68
	Gray - Clear	Gray	<b>27</b>	7	13	7	17	16	0.29	0.24	47	0.22	<b>0.19</b>	1.38
SNR 43	UltraWhite - UltraWhite	Light Silver	<b>44</b>	18	20	28	14	50	0.29	0.24	56	0.26	<b>0.23</b>	1.92
	Clear - Clear	Light Silver	<b>43</b>	17	19	27	14	42	0.29	0.24	56	0.26	<b>0.23</b>	1.89
	Green - Clear	Green	<b>36</b>	8	14	21	14	14	0.29	0.24	50	0.23	<b>0.20</b>	1.78
	TwilightGreen - Clear	Dark Green	<b>32</b>	5	12	18	13	11	0.29	0.24	46	0.21	<b>0.19</b>	1.73
	CrystalGray - Clear	Silver Gray	<b>31</b>	10	13	17	13	21	0.29	0.24	48	0.22	<b>0.19</b>	1.60
	Gray - Clear	Silver Gray	<b>21</b>	7	10	10	13	19	0.29	0.24	41	0.18	<b>0.16</b>	1.29

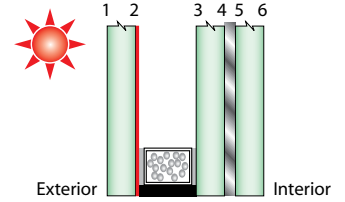
SEE NOTES RELATED TO ALL TABLES ON PAGE 18.



**INSULATING GLASS DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard High Performance</b>			Coating #2 Surface - except where noted (#3)						6 mm/12 mm a.s./6 mm					
Neutral 78/65 (#3)	UltraWhite - UltraWhite	Ultra Clear	<b>80</b>	41	62	12	12	21	0.31	0.27	166	0.81	<b>0.70</b>	1.13
	Clear - Clear	Clear	<b>78</b>	38	54	13	12	19	0.31	0.27	155	0.75	<b>0.65</b>	1.19
Neutral 78/65	UltraWhite - UltraWhite	Ultra Clear	<b>80</b>	41	62	12	12	20	0.31	0.27	156	0.76	<b>0.66</b>	1.21
	Clear - Clear	Clear	<b>78</b>	38	54	13	13	17	0.31	0.27	145	0.71	<b>0.62</b>	1.27
Light Blue 63	UltraWhite - UltraWhite	Light Blue	<b>63</b>	43	49	15	12	16	0.34	0.31	131	0.63	<b>0.55</b>	1.15
	Clear - Clear	Light Blue	<b>62</b>	39	43	15	12	15	0.35	0.31	122	0.59	<b>0.51</b>	1.20
	Green - Clear	Green	<b>52</b>	18	26	12	12	8	0.35	0.31	84	0.39	<b>0.35</b>	1.51
	TwilightGreen - Clear	Dark Green	<b>47</b>	11	21	11	12	7	0.35	0.31	72	0.33	<b>0.30</b>	1.58
	CrystalGray - Clear	Light Gray	<b>45</b>	22	30	10	11	9	0.35	0.31	93	0.44	<b>0.39</b>	1.16
	Gray - Clear	Gray	<b>30</b>	17	25	7	11	9	0.35	0.31	82	0.39	<b>0.34</b>	0.89
Neutral 61	UltraWhite - UltraWhite	Neutral Pewter	<b>62</b>	30	38	20	15	37	0.30	0.26	99	0.48	<b>0.42</b>	1.49
	Clear - Clear	Neutral Pewter	<b>51</b>	27	34	20	15	31	0.30	0.26	95	0.45	<b>0.40</b>	1.53
	Green - Clear	Green	<b>61</b>	13	23	15	14	11	0.30	0.26	71	0.34	<b>0.30</b>	1.74
	TwilightGreen - Clear	Dark Green	<b>46</b>	8	18	13	14	9	0.30	0.26	62	0.29	<b>0.26</b>	1.78
	CrystalGray - Clear	Light Gray	<b>44</b>	16	24	13	14	16	0.30	0.26	74	0.35	<b>0.31</b>	1.42
	Gray - Clear	Gray	<b>30</b>	12	19	8	14	15	0.30	0.26	64	0.30	<b>0.26</b>	1.13
Neutral 50	UltraWhite - UltraWhite	Neutral Blue	<b>51</b>	33	36	16	10	22	0.33	0.29	99	0.47	<b>0.41</b>	1.23
	Clear - Clear	Neutral Blue	<b>50</b>	30	32	16	11	19	0.33	0.29	94	0.45	<b>0.39</b>	1.27
	Green - Clear	Green	<b>42</b>	14	20	13	10	9	0.33	0.29	69	0.32	<b>0.28</b>	1.50
	TwilightGreen - Clear	Dark Green	<b>38</b>	8	16	11	10	8	0.33	0.29	60	0.28	<b>0.25</b>	1.53
	CrystalGray - Clear	Light Gray	<b>36</b>	17	22	10	10	11	0.33	0.29	73	0.34	<b>0.30</b>	1.19
	Gray - Clear	Gray	<b>25</b>	13	18	7	10	10	0.33	0.29	65	0.30	<b>0.27</b>	0.92
Neutral 40	UltraWhite - UltraWhite	Neutral Gray	<b>41</b>	29	28	20	12	25	0.33	0.29	81	0.38	<b>0.33</b>	1.22
	Clear - Clear	Neutral Gray	<b>40</b>	26	25	20	12	22	0.33	0.29	78	0.37	<b>0.32</b>	1.25
	Green - Clear	Green	<b>34</b>	12	16	16	12	10	0.33	0.29	59	0.27	<b>0.24</b>	1.40
	TwilightGreen - Clear	Dark Green	<b>30</b>	7	13	14	11	8	0.33	0.29	53	0.24	<b>0.22</b>	1.40
	CrystalGray - Clear	Light Gray	<b>29</b>	15	17	13	11	13	0.33	0.29	63	0.29	<b>0.26</b>	1.13
	Gray - Clear	Gray	<b>20</b>	11	14	8	11	11	0.33	0.29	56	0.26	<b>0.23</b>	0.86
AG 50	UltraWhite - UltraWhite	Light Silver	<b>51</b>	29	31	28	18	42	0.30	0.25	83	0.40	<b>0.35</b>	1.49
	Clear - Clear	Light Silver	<b>50</b>	26	28	28	18	36	0.30	0.25	80	0.38	<b>0.33</b>	1.51
	Green - Clear	Green	<b>43</b>	12	19	21	18	14	0.30	0.25	62	0.29	<b>0.25</b>	1.68
	TwilightGreen - Clear	Dark Green	<b>38</b>	7	15	18	18	11	0.30	0.25	54	0.25	<b>0.22</b>	1.69
	CrystalGray - Clear	Silver Gray	<b>36</b>	15	20	17	18	19	0.30	0.25	64	0.30	<b>0.26</b>	1.38
	Gray - Clear	Silver Gray	<b>25</b>	11	16	10	17	16	0.30	0.25	56	0.26	<b>0.23</b>	1.08
AG 43	UltraWhite - UltraWhite	Light Silver	<b>42</b>	25	26	30	15	39	0.31	0.26	74	0.35	<b>0.30</b>	1.37
	Clear - Clear	Light Silver	<b>41</b>	23	24	30	15	34	0.31	0.26	71	0.33	<b>0.29</b>	1.39
	Green - Clear	Green	<b>35</b>	11	15	23	14	14	0.31	0.26	55	0.26	<b>0.23</b>	1.52
	TwilightGreen - Clear	Dark Green	<b>31</b>	6	12	19	14	11	0.31	0.26	49	0.23	<b>0.20</b>	1.52
	CrystalGray - Clear	Silver Gray	<b>29</b>	13	16	18	14	18	0.31	0.26	58	0.27	<b>0.24</b>	1.25
	Gray - Clear	Silver Gray	<b>20</b>	9	13	11	14	15	0.31	0.26	51	0.24	<b>0.21</b>	0.96
Royal Blue 40	UltraWhite - UltraWhite	Royal Blue	<b>39</b>	23	27	24	18	27	0.31	0.27	80	0.38	<b>0.33</b>	1.18
	Clear - Clear	Royal Blue	<b>38</b>	21	24	24	18	24	0.31	0.27	76	0.36	<b>0.31</b>	1.21
	Green - Clear	Aquamarine	<b>32</b>	9	15	19	17	12	0.31	0.27	56	0.26	<b>0.23</b>	1.40
	TwilightGreen - Clear	Dark Green	<b>28</b>	5	12	16	17	10	0.31	0.27	50	0.23	<b>0.20</b>	1.41
	CrystalGray - Clear	Blue Gray	<b>27</b>	11	17	15	17	14	0.31	0.27	60	0.28	<b>0.25</b>	1.11
	Gray - Clear	Blue Gray	<b>19</b>	9	14	10	17	12	0.31	0.27	55	0.25	<b>0.22</b>	0.85
<b>SunGuard Solar</b>														
Silver 32	Clear - Clear	Silver Blue-Gray	<b>29</b>	23	20	22	21	19	0.42	0.39	76	0.35	<b>0.31</b>	0.94
	Green - Clear	Blue -Green	<b>24</b>	11	12	17	21	10	0.42	0.39	61	0.27	<b>0.24</b>	1.00
Silver 20	Clear - Clear	Silver	<b>18</b>	15	13	31	27	27	0.40	0.36	55	0.24	<b>0.21</b>	0.85
	Green - Clear	Green	<b>15</b>	7	8	24	27	13	0.40	0.36	48	0.21	<b>0.19</b>	0.82
<b>Other Guardian Low-E Products</b>														
Neutral 70	UltraWhite - UltraWhite	Ultra Clear	<b>70</b>	47	52	11	12	18	0.33	0.29	136	0.65	<b>0.57</b>	1.22
	Clear - Clear	Clear	<b>68</b>	43	46	11	12	16	0.33	0.29	127	0.61	<b>0.53</b>	1.27
Neutral 70 (#3)	UltraWhite - UltraWhite	Ultra Clear	<b>70</b>	47	52	12	11	22	0.33	0.29	158	0.77	<b>0.67</b>	1.04
	Clear - Clear	Clear	<b>68</b>	43	46	13	11	19	0.33	0.29	148	0.72	<b>0.62</b>	1.09

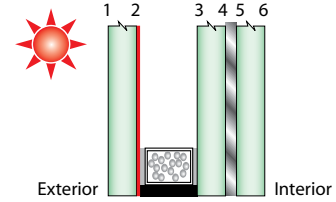
SEE NOTES RELATED TO ALL TABLES ON PAGE 18.



**INSULATING GLASS W/ LAMI INBOARD DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard SuperNeutral</b>			Coating #2 Surface						6 mm/12 mm a.s./6 mm/.090 PVB/6 mm					
SNX 62/27	UltraWhite - UW/UW	Ultra Clear	<b>61</b>	0	23	11	11	48	0.28	0.23	64	0.30	<b>0.26</b>	2.31
	Clear - Clr/Clr	Clear	<b>59</b>	0	21	11	11	39	0.28	0.23	64	0.30	<b>0.26</b>	2.24
	Green - Clr/Clr	Green	<b>50</b>	0	17	9	11	11	0.28	0.23	58	0.27	<b>0.24</b>	2.08
	TwilightGreen - Clr/Clr	Dark Green	<b>45</b>	0	15	8	10	8	0.28	0.23	53	0.25	<b>0.22</b>	2.02
	CrystalGray - Clr/Clr	Light Gray	<b>43</b>	0	15	8	10	19	0.28	0.23	54	0.25	<b>0.22</b>	1.94
	Gray - Clr/Clr	Gray	<b>29</b>	0	11	6	10	19	0.28	0.23	44	0.20	<b>0.18</b>	1.64
SNX 51/23	UltraWhite - UW/UW	Light Blue	<b>50</b>	0	18	14	13	42	0.28	0.23	56	0.26	<b>0.23</b>	2.19
	Clear - Clr/Clr	Light Blue	<b>49</b>	0	17	14	13	34	0.28	0.23	56	0.26	<b>0.23</b>	2.12
	Green - Clr/Clr	Blue-Green	<b>42</b>	0	14	11	12	11	0.28	0.23	52	0.24	<b>0.21</b>	1.94
	TwilightGreen - Clr/Clr	Dark Green	<b>37</b>	0	12	10	12	8	0.28	0.23	48	0.22	<b>0.20</b>	1.88
	CrystalGray - Clr/Clr	Light Gray	<b>35</b>	0	13	9	12	17	0.28	0.23	48	0.22	<b>0.20</b>	1.81
	Gray - Clr/Clr	Gray	<b>24</b>	0	9	7	12	17	0.28	0.23	39	0.18	<b>0.16</b>	1.51
SN 68	UltraWhite - UW/UW	Ultra Clear	<b>67</b>	0	32	10	12	39	0.28	0.24	91	0.44	<b>0.38</b>	1.76
	Clear - Clr/Clr	Clear	<b>65</b>	0	29	11	12	32	0.28	0.24	88	0.42	<b>0.37</b>	1.76
	Green - Clr/Clr	Green	<b>55</b>	0	21	9	11	9	0.28	0.24	71	0.34	<b>0.30</b>	1.86
	TwilightGreen - Clr/Clr	Dark Green	<b>49</b>	0	18	8	11	7	0.28	0.24	63	0.30	<b>0.26</b>	1.88
	CrystalGray - Clr/Clr	Light Gray	<b>47</b>	0	21	8	11	16	0.28	0.24	70	0.33	<b>0.29</b>	1.61
	Gray - Clr/Clr	Gray	<b>32</b>	0	16	6	10	15	0.28	0.24	59	0.27	<b>0.24</b>	1.33
SN 62	UltraWhite - UW/UW	Ultra Clear	<b>61</b>	0	26	11	13	40	0.28	0.24	75	0.36	<b>0.31</b>	1.96
	Clear - Clr/Clr	Clear	<b>60</b>	0	24	11	13	33	0.28	0.24	74	0.35	<b>0.31</b>	1.94
	CrystalGray - Clr/Clr	Light Gray	<b>43</b>	0	17	8	12	16	0.28	0.24	61	0.28	<b>0.25</b>	1.73
SN 54	UltraWhite - UW/UW	Ultra Clear	<b>53</b>	0	23	13	17	40	0.28	0.24	68	0.32	<b>0.28</b>	1.90
	Clear - Clr/Clr	Clear	<b>52</b>	0	21	13	17	33	0.28	0.24	67	0.32	<b>0.28</b>	1.87
	Green - Clr/Clr	Green	<b>44</b>	0	16	10	17	10	0.28	0.24	58	0.27	<b>0.24</b>	1.84
	TwilightGreen - Clr/Clr	Dark Green	<b>39</b>	0	14	9	16	8	0.28	0.24	52	0.24	<b>0.21</b>	1.81
	CrystalGray - Clr/Clr	Light Gray	<b>37</b>	0	15	9	16	17	0.28	0.24	55	0.26	<b>0.23</b>	1.64
	Gray - Clr/Clr	Gray	<b>25</b>	0	11	7	16	16	0.28	0.24	46	0.21	<b>0.19</b>	1.35
SNR 43	UltraWhite - UW/UW	Light Silver	<b>42</b>	0	18	28	13	50	0.28	0.24	55	0.26	<b>0.22</b>	1.89
	Clear - Clr/Clr	Light Silver	<b>41</b>	0	17	27	13	42	0.28	0.24	55	0.26	<b>0.22</b>	1.84
	Green - Clr/Clr	Green	<b>35</b>	0	13	21	13	14	0.28	0.24	49	0.23	<b>0.20</b>	1.74
	TwilightGreen - Clr/Clr	Dark Green	<b>31</b>	0	11	18	13	11	0.28	0.24	45	0.21	<b>0.18</b>	1.69
	CrystalGray - Clr/Clr	Silver Gray	<b>30</b>	0	12	16	13	21	0.28	0.24	47	0.22	<b>0.19</b>	1.56
	Gray - Clr/Clr	Silver Gray	<b>20</b>	0	9	10	12	19	0.28	0.24	40	0.18	<b>0.16</b>	1.26

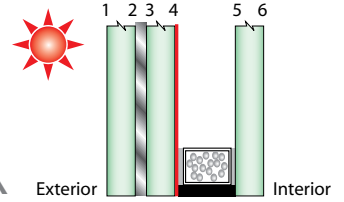
SEE NOTES RELATED TO ALL TABLES ON PAGE 18.



**INSULATING GLASS W/ LAMI INBOARD DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard High Performance</b>														
			Coating #2 Surface - except where noted (#3)						6 mm/12 mm a.s./6 mm/.090 PVB/6 mm					
Neutral 78/65 (#3)	UltraWhite - UW/UW	Ultra Clear	77	0	55	12	12	21	0.30	0.26	162	0.79	0.69	1.12
	Clear - Clr/Clr	Clear	75	0	46	12	11	18	0.30	0.26	151	0.73	0.64	1.18
Neutral 78/65	UltraWhite - UW/UW	Ultra Clear	77	0	55	12	12	20	0.30	0.26	153	0.74	0.65	1.19
	Clear - Clr/Clr	Clear	75	0	46	12	12	17	0.30	0.26	141	0.69	0.60	1.25
Light Blue 63	UltraWhite - UW/UW	Light Blue	61	0	43	14	12	16	0.33	0.30	127	0.61	0.53	1.15
	Clear - Clr/Clr	Light Blue	59	0	36	15	12	15	0.33	0.30	118	0.57	0.49	1.20
	Green - Clr/Clr	Green	50	0	23	12	11	8	0.33	0.30	81	0.38	0.34	1.49
	TwilightGreen - Clr/Clr	Dark Green	45	0	18	10	11	7	0.33	0.30	70	0.33	0.29	1.56
	CrystalGray - Clr/Clr	Light Gray	43	0	25	10	11	9	0.33	0.30	90	0.42	0.37	1.15
	Gray - Clr/Clr	Gray	29	0	20	7	10	8	0.33	0.30	79	0.37	0.33	0.89
Neutral 61	UltraWhite - UW/UW	Neutral Pewter	60	0	34	20	14	36	0.29	0.25	97	0.47	0.41	1.47
	Clear - Clr/Clr	Neutral Pewter	58	0	30	20	14	31	0.29	0.25	93	0.44	0.39	1.50
	Green - Clr/Clr	Green	49	0	20	15	14	11	0.29	0.25	70	0.33	0.29	1.71
	TwilightGreen - Clr/Clr	Dark Green	44	0	17	13	13	9	0.29	0.25	61	0.28	0.25	1.74
	CrystalGray - Clr/Clr	Light Gray	42	0	21	12	13	16	0.29	0.25	73	0.34	0.30	1.40
	Gray - Clr/Clr	Gray	29	0	16	8	13	15	0.29	0.25	62	0.29	0.26	1.11
Neutral 50	UltraWhite - UW/UW	Neutral Blue	49	0	31	16	10	22	0.32	0.28	97	0.46	0.40	1.22
	Clear - Clr/Clr	Neutral Blue	48	0	27	16	10	19	0.32	0.28	91	0.43	0.38	1.26
	Green - Clr/Clr	Green	41	0	17	13	10	9	0.32	0.28	67	0.31	0.28	1.48
	TwilightGreen - Clr/Clr	Dark Green	36	0	14	11	10	7	0.32	0.28	59	0.27	0.24	1.50
	CrystalGray - Clr/Clr	Light Gray	35	0	19	10	9	11	0.32	0.28	71	0.33	0.29	1.18
	Gray - Clr/Clr	Gray	24	0	15	7	9	10	0.32	0.28	63	0.29	0.26	0.91
Neutral 40	UltraWhite - UW/UW	Neutral Gray	39	0	24	20	11	25	0.32	0.28	79	0.37	0.33	1.21
	Clear - Clr/Clr	Neutral Gray	38	0	21	20	11	22	0.32	0.28	75	0.35	0.31	1.24
	Green - Clr/Clr	Green	33	0	14	16	11	10	0.32	0.28	58	0.27	0.24	1.38
	TwilightGreen - Clr/Clr	Dark Green	29	0	11	14	11	8	0.32	0.28	52	0.24	0.21	1.38
	CrystalGray - Clr/Clr	Light Gray	28	0	15	13	11	13	0.32	0.28	61	0.28	0.25	1.12
	Gray - Clr/Clr	Gray	19	0	11	8	11	11	0.32	0.28	54	0.25	0.22	0.86
AG 50	UltraWhite - UW/UW	Light Silver	50	0	28	28	18	42	0.29	0.25	82	0.39	0.34	1.47
	Clear - Clr/Clr	Light Silver	48	0	24	28	17	36	0.29	0.25	78	0.37	0.32	1.49
	Green - Clr/Clr	Green	41	0	17	21	17	14	0.29	0.25	60	0.28	0.25	1.64
	TwilightGreen - Clr/Clr	Dark Green	36	0	14	18	17	10	0.29	0.25	53	0.25	0.22	1.66
	CrystalGray - Clr/Clr	Silver Gray	35	0	17	17	17	19	0.29	0.25	62	0.29	0.26	1.36
	Gray - Clr/Clr	Silver Gray	24	0	13	10	16	16	0.29	0.25	54	0.25	0.22	1.07
AG 43	UltraWhite - UW/UW	Light Silver	40	0	24	30	14	39	0.30	0.26	72	0.34	0.30	1.35
	Clear - Clr/Clr	Light Silver	39	0	20	30	14	34	0.30	0.26	69	0.33	0.28	1.37
	Green - Clr/Clr	Green	33	0	14	23	14	14	0.30	0.26	54	0.25	0.22	1.50
	TwilightGreen - Clr/Clr	Dark Green	29	0	11	19	13	11	0.30	0.26	48	0.22	0.20	1.49
	CrystalGray - Clr/Clr	Silver Gray	28	0	14	18	13	18	0.30	0.26	56	0.26	0.23	1.23
	Gray - Clr/Clr	Silver Gray	19	0	11	11	13	15	0.30	0.26	50	0.23	0.20	0.95
Royal Blue 40	UltraWhite - UW/UW	Royal Blue	37	0	24	24	17	27	0.30	0.27	78	0.37	0.32	1.17
	Clear - Clr/Clr	Royal Blue	36	0	20	24	16	24	0.30	0.27	73	0.35	0.30	1.20
	Green - Clr/Clr	Aquamarine	31	0	13	19	16	12	0.30	0.27	55	0.25	0.22	1.38
	TwilightGreen - Clr/Clr	Dark Green	27	0	11	16	16	10	0.30	0.27	48	0.22	0.20	1.39
	CrystalGray - Clr/Clr	Blue Gray	26	0	14	15	16	14	0.30	0.27	59	0.27	0.24	1.10
	Gray - Clr/Clr	Blue Gray	18	0	11	9	16	12	0.30	0.27	53	0.24	0.21	0.83
<b>SunGuard Solar</b>														
Silver 32	Clear - Clr/Clr	Silver Blue-Gray	27	0	17	22	20	19	0.40	0.37	72	0.33	0.29	0.94
	Green - Clr/Clr	Blue -Green	23	0	11	17	20	10	0.40	0.37	58	0.26	0.23	1.01
Silver 20	Clear - Clr/Clr	Silver	17	0	10	31	25	27	0.38	0.35	52	0.23	0.21	0.85
	Green - Clr/Clr	Silver Green	15	0	7	24	25	13	0.38	0.35	46	0.20	0.18	0.82
<b>Other Guardian Low-E Products</b>														
Neutral 70	UltraWhite - UW/UW	Ultra Clear	67	0	46	11	12	18	0.32	0.28	132	0.64	0.56	1.21
	Clear - Clr/Clr	Clear	65	0	39	11	12	16	0.32	0.28	123	0.59	0.52	1.26
Neutral 70 (#3)	UltraWhite - UW/UW	Ultra Clear	68	0	46	12	10	22	0.32	0.28	154	0.75	0.65	1.04
	Clear - Clr/Clr	Clear	66	0	39	12	10	19	0.32	0.28	144	0.70	0.61	1.08

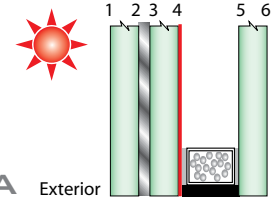
SEE NOTES RELATED TO ALL TABLES ON PAGE 18.



**INSULATING GLASS W/ LAMI OUTBOARD DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard SuperNeutral</b>			Coating #4 Surface						6 mm/.090 PVB/6 mm/12 mm a.s./6 mm					
SNX 62/27	UW/UW - UltraWhite	Ultra Clear	<b>61</b>	0	23	10	12	34	0.28	0.23	66	0.31	<b>0.27</b>	2.24
	Clear/Clr - Clear	Clear	<b>59</b>	0	21	11	12	23	0.28	0.23	66	0.31	<b>0.27</b>	2.17
	Green/Clr - Clear	Green	<b>50</b>	0	17	9	11	8	0.28	0.23	58	0.27	<b>0.24</b>	2.10
	TwilightGreen/Clr - Clr	Dark Green	<b>45</b>	0	15	8	11	6	0.28	0.23	53	0.24	<b>0.22</b>	2.06
	CrystalGray/Clr - Clr	Light Gray	<b>43</b>	0	15	8	11	12	0.28	0.23	54	0.25	<b>0.22</b>	1.92
	Gray/Clr - Clear	Gray	<b>29</b>	0	11	6	10	12	0.28	0.23	44	0.20	<b>0.18</b>	1.61
SNX 51/23	UW/UW - UltraWhite	Light Blue	<b>50</b>	0	18	13	13	29	0.28	0.23	58	0.27	<b>0.24</b>	2.11
	Clear/Clr - Clear	Light Blue	<b>49</b>	0	17	13	13	21	0.28	0.23	58	0.27	<b>0.24</b>	2.04
	Green/Clr - Clear	Blue-Green	<b>42</b>	0	14	11	13	8	0.28	0.23	51	0.24	<b>0.21</b>	1.96
	TwilightGreen/Clr - Clr	Dark Green	<b>37</b>	0	12	10	13	7	0.28	0.23	47	0.22	<b>0.19</b>	1.90
	CrystalGray/Clr - Clr	Light Gray	<b>35</b>	0	13	9	13	11	0.28	0.23	49	0.22	<b>0.20</b>	1.78
	Gray/Clr - Clear	Gray	<b>24</b>	0	9	7	12	11	0.28	0.23	40	0.18	<b>0.16</b>	1.47
SN 68	UW/UW - UltraWhite	Ultra Clear	<b>67</b>	0	32	10	12	27	0.28	0.24	89	0.43	<b>0.37</b>	1.80
	Clear/Clr - Clear	Clear	<b>65</b>	0	29	10	12	19	0.28	0.24	85	0.41	<b>0.36</b>	1.82
	Green/Clr - Clear	Green	<b>55</b>	0	21	9	11	7	0.28	0.24	68	0.32	<b>0.28</b>	1.94
	TwilightGreen/Clr - Clr	Dark Green	<b>49</b>	0	18	8	11	6	0.28	0.24	61	0.28	<b>0.25</b>	1.96
	CrystalGray/Clr - Clr	Light Gray	<b>47</b>	0	21	8	11	10	0.28	0.24	68	0.32	<b>0.28</b>	1.68
	Gray/Clr - Clear	Gray	<b>32</b>	0	16	6	10	10	0.28	0.24	57	0.26	<b>0.23</b>	1.37
SN 62	UW/UW - UltraWhite	Ultra Clear	<b>61</b>	0	26	11	13	27	0.28	0.24	76	0.36	<b>0.32</b>	1.95
	Clear/Clr - Clear	Clear	<b>60</b>	0	24	11	13	19	0.28	0.24	74	0.35	<b>0.31</b>	1.94
	CrystalGray/Clr - Clr	Light Gray	<b>43</b>	0	17	8	13	10	0.28	0.24	60	0.28	<b>0.25</b>	1.75
SN 54	UW/UW - UltraWhite	Ultra Clear	<b>53</b>	0	23	12	18	28	0.28	0.24	69	0.33	<b>0.29</b>	1.87
	Clear/Clr - Clear	Clear	<b>52</b>	0	21	12	18	20	0.28	0.24	67	0.32	<b>0.28</b>	1.85
	Green/Clr - Clear	Green	<b>44</b>	0	16	10	18	8	0.28	0.24	57	0.26	<b>0.23</b>	1.87
	TwilightGreen/Clr - Clr	Dark Green	<b>39</b>	0	14	9	17	6	0.28	0.24	51	0.24	<b>0.21</b>	1.85
	CrystalGray/Clr - Clr	Light Gray	<b>37</b>	0	15	9	17	11	0.28	0.24	55	0.26	<b>0.23</b>	1.65
	Gray/Clr - Clear	Gray	<b>25</b>	0	11	7	17	10	0.28	0.24	46	0.21	<b>0.19</b>	1.34
SNR 43	UW/UW - UltraWhite	Light Silver	<b>42</b>	0	18	26	14	36	0.28	0.23	56	0.26	<b>0.23</b>	1.84
	Clear/Clr - Clear	Light Silver	<b>41</b>	0	17	26	14	26	0.28	0.23	56	0.26	<b>0.23</b>	1.80
	Green/Clr - Clear	Green	<b>35</b>	0	13	20	13	11	0.28	0.23	48	0.22	<b>0.20</b>	1.76
	TwilightGreen/Clr - Clr	Dark Green	<b>31</b>	0	11	17	13	9	0.28	0.23	44	0.20	<b>0.18</b>	1.72
	CrystalGray/Clr - Clr	Silver Gray	<b>30</b>	0	12	16	13	14	0.28	0.23	47	0.22	<b>0.19</b>	1.55
	Gray/Clr - Clear	Silver Gray	<b>20</b>	0	9	10	13	12	0.28	0.23	40	0.18	<b>0.16</b>	1.24

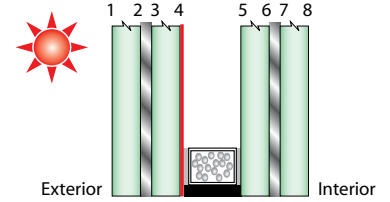
SEE NOTES RELATED TO ALL TABLES ON PAGE 18.



**INSULATING GLASS W/ LAMI OUTBOARD DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard High Performance</b>			Coating #4 Surface - except where noted (#5)						6 mm/.090 PVB/6 mm/12 mm a.s./6 mm					
Neutral 78/65 (#5)	UW/UW - UltraWhite	Ultra Clear	77	0	55	12	12	14	0.30	0.26	150	0.73	0.64	1.21
	Clear/Clr - Clear	Clear	75	0	46	12	12	11	0.30	0.26	134	0.65	0.57	1.32
Neutral 78/65	UW/UW - UltraWhite	Ultra Clear	77	0	55	112	12	13	0.30	0.26	143	0.69	0.60	1.28
	Clear/Clr - Clear	Clear	75	0	46	12	12	11	0.30	0.26	127	0.62	0.54	1.39
Light Blue 63	UW/UW - UltraWhite	Light Blue	61	0	43	14	12	12	0.33	0.30	121	0.58	0.51	1.21
	Clear/Clr - Clear	Light Blue	59	0	36	14	12	10	0.33	0.30	109	0.52	0.45	1.30
	Green/Clr - Clear	Green	50	0	23	11	12	7	0.33	0.30	77	0.36	0.32	1.58
	TwilightGreen/Clr - Clr	Dark Green	45	0	18	10	11	6	0.33	0.30	67	0.31	0.27	1.63
	CrystalGray/Clr - Clr	Light Gray	43	0	25	9	11	7	0.33	0.30	83	0.39	0.35	1.24
	Gray/Clr - Clear	Gray	29	0	20	7	11	6	0.33	0.30	74	0.35	0.30	0.96
Neutral 61	UW/UW - UltraWhite	Neutral Pewter	60	0	34	19	15	26	0.29	0.25	95	0.45	0.40	1.52
	Clear/Clr - Clear	Neutral Pewter	58	0	30	19	15	19	0.29	0.25	88	0.42	0.37	1.58
	Green/Clr - Clear	Green	49	0	20	15	14	09	0.29	0.25	67	0.31	0.28	1.79
	TwilightGreen/Clr - Clr	Dark Green	44	0	17	13	14	8	0.29	0.25	59	0.27	0.24	1.81
	CrystalGray/Clr - Clr	Light Gray	42	0	21	12	14	11	0.29	0.25	69	0.33	0.29	1.47
	Gray/Clr - Clear	Gray	29	0	16	8	13	10	0.29	0.25	59	0.28	0.24	1.17
Neutral 50	UW/UW - UltraWhite	Neutral Blue	49	0	31	15	10	15	0.32	0.28	94	0.45	0.39	1.26
	Clear/Clr - Clear	Neutral Blue	48	0	27	15	10	13	0.32	0.28	86	0.41	0.36	1.33
	Green/Clr - Clear	Green	41	0	17	12	10	7	0.32	0.28	64	0.30	0.26	1.54
	TwilightGreen/Clr - Clr	Dark Green	36	0	14	11	10	7	0.32	0.28	57	0.26	0.23	1.56
	CrystalGray/Clr - Clr	Light Gray	35	0	19	10	10	8	0.32	0.28	68	0.32	0.28	1.24
	Gray/Clr - Clear	Gray	24	0	15	7	10	7	0.32	0.28	60	0.28	0.25	0.96
Neutral 40	UW/UW - UltraWhite	Neutral Gray	39	0	24	19	12	19	0.32	0.28	78	0.37	0.32	1.22
	Clear/Clr - Clear	Neutral Gray	38	0	21	19	12	15	0.32	0.28	73	0.34	0.30	1.27
	Green/Clr - Clear	Green	33	0	14	15	12	9	0.32	0.28	56	0.26	0.23	1.42
	TwilightGreen/Clr - Clr	Dark Green	29	0	11	13	11	7	0.32	0.28	50	0.23	0.20	1.41
	CrystalGray/Clr - Clr	Light Gray	28	0	15	12	11	9	0.32	0.28	59	0.27	0.24	1.15
	Gray/Clr - Clear	Gray	19	0	11	11	8	11	0.32	0.28	53	0.24	0.21	0.88
AG 50	UW/UW - UltraWhite	Light Silver	50	0	28	27	18	31	0.29	0.25	80	0.38	0.33	1.50
	Clear/Clr - Clear	Light Silver	48	0	24	26	18	23	0.29	0.25	75	0.36	0.31	1.55
	Green/Clr - Clear	Green	41	0	17	20	18	11	0.29	0.25	58	0.27	0.24	1.71
	TwilightGreen/Clr - Clr	Dark Green	36	0	14	17	18	9	0.29	0.25	52	0.24	0.21	1.72
	CrystalGray/Clr - Clr	Silver Gray	35	0	17	16	18	13	0.29	0.25	60	0.28	0.25	1.41
	Gray/Clr - Clear	Silver Gray	24	0	13	10	17	11	0.29	0.25	52	0.24	0.21	1.11
AG 43	UW/UW - UltraWhite	Light Silver	40	0	24	29	15	29	0.30	0.26	72	0.34	0.30	1.36
	Clear/Clr - Clear	Light Silver	39	0	20	28	15	22	0.30	0.26	67	0.32	0.28	1.40
	Green/Clr - Clear	Green	33	0	14	21	14	11	0.30	0.26	53	0.24	0.22	1.54
	TwilightGreen/Clr - Clr	Dark Green	29	0	11	18	14	9	0.30	0.26	47	0.22	0.19	1.53
	CrystalGray/Clr - Clr	Silver Gray	28	0	14	17	14	13	0.30	0.26	55	0.25	0.22	1.26
	Gray/Clr - Clear	Silver Gray	19	0	11	10	14	11	0.30	0.26	48	0.22	0.20	0.97
Royal Blue 40	UW/UW - UltraWhite	Royal Blue	37	0	24	23	18	19	0.30	0.26	77	0.36	0.32	1.17
	Clear/Clr - Clear	Royal Blue	36	0	20	23	18	16	0.30	0.26	71	0.33	0.29	1.24
	Green/Clr - Clear	Aquamarine	31	0	13	18	17	10	0.30	0.26	53	0.25	0.22	1.41
	TwilightGreen/Clr - Clr	Dark Green	27	0	11	15	17	8	0.30	0.26	47	0.22	0.19	1.42
	CrystalGray/Clr - Clr	Blue Gray	26	0	14	14	17	10	0.30	0.26	57	0.26	0.23	1.13
	Gray/Clr - Clear	Blue Gray	18	0	11	9	17	8	0.30	0.26	51	0.23	0.21	0.86
<b>SunGuard Solar</b>														
Silver 32	Clear/Clr - Clear	Silver Blue-Gray	27	0	17	20	21	14	0.40	0.37	73	0.34	0.29	0.93
	Green/Clr - Clear	Blue -Green	23	0	11	16	21	9	0.40	0.37	58	0.26	0.23	1.00
Silver 20	Clear/Clr - Clear	Silver	17	0	10	29	27	20	0.38	0.35	56	0.25	0.22	0.79
	Green/Clr - Clear	Silver Green	15	0	7	22	27	11	0.38	0.35	47	0.21	0.19	0.79
<b>Other Guardian Low-E Products</b>														
Neutral 70	UW/UW - UltraWhite	Ultra Clear	67	0	46	11	12	12	0.32	0.28	125	0.60	0.53	1.28
	Clear/Clr - Clear	Clear	65	0	39	11	12	10	0.32	0.28	113	0.54	0.47	1.38
Neutral 70 (#5)	UW/UW - UltraWhite	Ultra Clear	67	0	46	12	11	15	0.32	0.28	144	0.70	0.61	1.11
	Clear/Clr - Clear	Clear	65	0	39	12	11	12	0.32	0.28	129	0.62	0.54	1.20

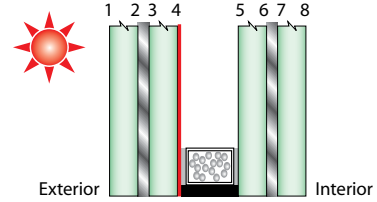
SEE NOTES RELATED TO ALL TABLES ON PAGE 18.



**LAMINATED OUTBOARD & INBOARD DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard SuperNeutral</b>			Coating #4 Surface			6 mm/.090 PVB/6 mm/12 mm a.s./6 mm/.090 PVB/6 mm								
SNX 62/27	UW/UW - UW/UW	Ultra Clear	<b>59</b>	0	22	10	11	34	0.27	0.23	65	0.31	<b>0.27</b>	2.19
	Clear/Clr - Clear/Clr	Clear	<b>57</b>	0	20	10	11	23	0.27	0.23	65	0.31	<b>0.27</b>	2.11
	Green/Clr - Clear/Clr	Green	<b>48</b>	0	16	9	11	8	0.27	0.23	57	0.27	<b>0.24</b>	2.05
	TWGreen/Clr - Clr/Clr	Dark Green	<b>43</b>	0	14	8	10	6	0.27	0.23	52	0.24	<b>0.21</b>	2.00
	CrystalGray/Clr - Clr/Clr	Light Gray	<b>41</b>	0	14	8	10	12	0.27	0.23	53	0.25	<b>0.22</b>	1.87
	Gray/Clr - Clear/Clr	Gray	<b>28</b>	0	10	6	10	12	0.27	0.23	44	0.20	<b>0.18</b>	1.57
SNX 51/23	UW/UW - UW/UW	Light Blue	<b>49</b>	0	17	13	13	29	0.27	0.23	57	0.27	<b>0.24</b>	2.06
	Clear/Clr - Clear/Clr	Light Blue	<b>47</b>	0	16	13	13	21	0.27	0.23	57	0.27	<b>0.24</b>	1.98
	Green/Clr - Clear/Clr	Blue-Green	<b>40</b>	0	13	11	12	8	0.27	0.23	51	0.24	<b>0.21</b>	1.91
	TWGreen/Clr - Clr/Clr	Dark Green	<b>35</b>	0	11	10	12	7	0.27	0.23	46	0.21	<b>0.19</b>	1.86
	CrystalGray/Clr - Clr/Clr	Light Gray	<b>34</b>	0	12	9	12	11	0.27	0.23	48	0.22	<b>0.20</b>	1.74
	Gray/Clr - Clear/Clr	Gray	<b>23</b>	0	8	7	12	11	0.27	0.23	40	0.18	<b>0.16</b>	1.43
SN 68	UW/UW - UW/UW	Ultra Clear	<b>65</b>	0	31	10	11	27	0.27	0.23	88	0.42	<b>0.37</b>	1.76
	Clear/Clr - Clear/Clr	Clear	<b>62</b>	0	27	10	11	19	0.27	0.23	84	0.40	<b>0.35</b>	1.77
	Green/Clr - Clear/Clr	Green	<b>53</b>	0	20	8	11	7	0.27	0.23	67	0.32	<b>0.28</b>	1.89
	TWGreen/Clr - Clr/Clr	Dark Green	<b>47</b>	0	17	8	11	6	0.27	0.23	60	0.28	<b>0.25</b>	1.91
	CrystalGray/Clr - Clr/Clr	Light Gray	<b>45</b>	0	19	7	10	10	0.27	0.23	67	0.32	<b>0.28</b>	1.63
	Gray/Clr - Clear/Clr	Gray	<b>31</b>	0	14	6	10	10	0.27	0.23	56	0.26	<b>0.23</b>	1.34
SN 62	UW/UW - UW/UW	Ultra Clear	<b>59</b>	0	25	10	13	27	0.27	0.23	75	0.36	<b>0.31</b>	1.91
	Clear/Clr - Clear/Clr	Clear	<b>57</b>	0	22	11	13	19	0.27	0.23	73	0.35	<b>0.30</b>	1.89
	CrystalGray/Clr - Clr/Clr	Light Gray	<b>42</b>	0	16	8	12	10	0.27	0.23	59	0.28	<b>0.24</b>	1.71
SN 54	UW/UW - UW/UW	Ultra Clear	<b>51</b>	0	22	12	17	28	0.27	0.23	68	0.32	<b>0.28</b>	1.83
	Clear/Clr - Clear/Clr	Clear	<b>49</b>	0	20	12	17	20	0.27	0.23	66	0.31	<b>0.27</b>	1.80
	Green/Clr - Clear/Clr	Green	<b>42</b>	0	15	10	16	8	0.27	0.23	56	0.26	<b>0.23</b>	1.83
	TWGreen/Clr - Clr/Clr	Dark Green	<b>37</b>	0	13	9	16	6	0.27	0.23	50	0.23	<b>0.21</b>	1.80
	CrystalGray/Clr - Clr/Clr	Light Gray	<b>36</b>	0	14	9	16	11	0.27	0.23	64	0.25	<b>0.22</b>	1.61
	Gray/Clr - Clear/Clr	Gray	<b>24</b>	0	10	7	16	10	0.27	0.23	46	0.21	<b>0.19</b>	1.31
SNR 43	UW/UW - UW/UW	Light Silver	<b>41</b>	0	17	26	13	36	0.27	0.23	56	0.26	<b>0.23</b>	1.80
	Clear/Clr - Clear/Clr	Light Silver	<b>39</b>	0	15	25	13	26	0.27	0.23	55	0.26	<b>0.23</b>	1.75
	Green/Clr - Clear/Clr	Green	<b>34</b>	0	12	20	13	11	0.27	0.23	48	0.22	<b>0.20</b>	1.72
	TWGreen/Clr - Clr/Clr	Dark Green	<b>30</b>	0	10	17	13	9	0.27	0.23	44	0.20	<b>0.18</b>	1.68
	CrystalGray/Clr - Clr/Clr	Silver Gray	<b>29</b>	0	11	16	13	14	0.27	0.23	46	0.21	<b>0.19</b>	1.52
	Gray/Clr - Clear/Clr	Silver Gray	<b>19</b>	0	8	10	12	12	0.27	0.23	39	0.18	<b>0.16</b>	1.21

SEE NOTES RELATED TO ALL TABLES ON PAGE 18.

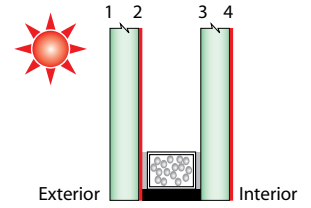


**LAMINATED OUTBOARD & INBOARD DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard High Performance</b>			Coating #4 Surface - except where noted (#5)						6 mm/.090 PVB/6 mm/12 mm a.s./6 mm/.090 PVB/6 mm					
Neutral 78/65 (#5)	UW/UW - UW/UW	Ultra Clear	75	0	51	12	11	14	0.29	0.25	148	0.72	0.63	1.19
	Clear/Clr - Clear/Clr	Clear	72	0	40	11	11	11	0.29	0.25	131	0.64	0.55	1.30
Neutral 78/65	UW/UW - UW/UW	Ultra Clear	75	0	51	12	12	13	0.29	0.25	140	0.68	0.59	1.25
	Clear/Clr - Clear/Clr	Clear	72	0	40	12	12	11	0.29	0.25	125	0.60	0.53	1.36
Light Blue 63	UW/UW - UW/UW	Light Blue	59	0	40	14	12	12	0.32	0.29	118	0.57	0.50	1.19
	Clear/Clr - Clear/Clr	Light Blue	57	0	32	14	12	10	0.32	0.29	106	0.51	0.44	1.28
	Green/Clr - Clear/Clr	Green	48	0	21	11	11	7	0.32	0.29	75	0.35	0.31	1.56
	TWGreen/Clr - Clr/Clr	Dark Green	43	0	17	10	11	6	0.32	0.29	65	0.30	0.27	1.60
	CrystalGray/Clr - Clr/Clr	Light Gray	41	0	22	9	11	7	0.32	0.29	81	0.38	0.34	1.22
	Gray/Clr - Clear/Clr	Gray	28	0	18	7	10	6	0.32	0.29	72	0.34	0.30	0.95
Neutral 61	UW/UW - UW/UW	Neutral Pewter	58	0	32	19	14	26	0.28	0.24	93	0.45	0.39	1.49
	Clear/Clr - Clear/Clr	Neutral Pewter	56	0	27	19	14	19	0.28	0.24	86	0.41	0.36	1.55
	Green/Clr - Clear/Clr	Green	47	0	19	15	13	9	0.28	0.24	65	0.31	0.27	1.75
	TWGreen/Clr - Clr/Clr	Dark Green	42	0	15	13	13	8	0.28	0.24	58	0.27	0.24	1.77
	CrystalGray/Clr - Clr/Clr	Light Gray	40	0	19	12	13	11	0.28	0.24	68	0.32	0.28	1.44
	Gray/Clr - Clear/Clr	Gray	27	0	15	8	13	10	0.28	0.24	58	0.27	0.24	1.15
Neutral 50	UW/UW - UW/UW	Neutral Blue	48	0	29	15	10	15	0.31	0.27	92	0.44	0.38	1.24
	Clear/Clr - Clear/Clr	Neutral Blue	46	0	24	15	10	13	0.31	0.27	84	0.40	0.35	1.31
	Green/Clr - Clear/Clr	Green	39	0	16	12	10	7	0.31	0.27	63	0.29	0.26	1.51
	TWGreen/Clr - Clr/Clr	Dark Green	35	0	13	11	10	7	0.31	0.27	55	0.26	0.23	1.53
	CrystalGray/Clr - Clr/Clr	Light Gray	33	0	17	10	9	8	0.31	0.27	66	0.31	0.27	1.22
	Gray/Clr - Clear/Clr	Gray	23	0	13	7	9	7	0.31	0.27	58	0.27	0.24	0.94
Neutral 40	UW/UW - UW/UW	Neutral Gray	38	0	23	19	11	19	0.31	0.27	77	0.36	0.32	1.20
	Clear/Clr - Clear/Clr	Neutral Gray	37	0	18	19	11	15	0.31	0.27	71	0.33	0.29	1.25
	Green/Clr - Clear/Clr	Green	31	0	13	15	11	9	0.31	0.27	55	0.25	0.22	1.39
	TWGreen/Clr - Clr/Clr	Dark Green	28	0	10	13	11	7	0.31	0.27	49	0.23	0.20	1.38
	CrystalGray/Clr - Clr/Clr	Light Gray	27	0	13	12	11	9	0.31	0.27	57	0.27	0.23	1.13
	Gray/Clr - Clear/Clr	Gray	18	0	10	8	11	8	0.31	0.27	51	0.23	0.21	0.87
AG 50	UW/UW - UW/UW	Light Silver	48	0	26	27	17	31	0.28	0.24	79	0.38	0.33	1.47
	Clear/Clr - Clear/Clr	Light Silver	46	0	22	26	17	23	0.28	0.24	74	0.35	0.31	1.51
	Green/Clr - Clear/Clr	Green	39	0	15	20	17	11	0.28	0.24	57	0.27	0.24	1.67
	TWGreen/Clr - Clr/Clr	Dark Green	35	0	13	17	17	9	0.28	0.24	51	0.23	0.21	1.68
	CrystalGray/Clr - Clr/Clr	Silver Gray	33	0	15	16	17	13	0.28	0.24	59	0.28	0.24	1.38
	Gray/Clr - Clear/Clr	Silver Gray	23	0	12	10	16	44	0.28	0.24	51	0.24	0.21	1.08
AG 43	UW/UW - UW/UW	Light Silver	39	0	22	29	14	29	0.28	0.23	71	0.33	0.29	1.34
	Clear/Clr - Clear/Clr	Light Silver	37	0	18	28	14	22	0.28	0.23	66	0.31	0.27	1.38
	Green/Clr - Clear/Clr	Green	32	0	12	12	21	13	0.28	0.23	52	0.24	0.21	1.51
	TWGreen/Clr - Clr/Clr	Dark Green	28	0	10	18	13	9	0.28	0.23	46	0.21	0.19	1.50
	CrystalGray/Clr - Clr/Clr	Silver Gray	27	0	13	17	13	13	0.28	0.23	54	0.25	0.22	1.24
	Gray/Clr - Clear/Clr	Silver Gray	18	0	10	10	13	11	0.28	0.23	47	0.22	0.19	0.95
Royal Blue 40	UW/UW - UW/UW	Royal Blue	36	0	23	23	17	19	0.29	0.26	76	0.36	0.31	1.16
	Clear/Clr - Clear/Clr	Royal Blue	35	0	18	23	16	16	0.29	0.26	69	0.33	0.29	1.22
	Green/Clr - Clear/Clr	Aquamarine	30	0	12	18	16	10	0.29	0.26	52	0.24	0.21	1.39
	TWGreen/Clr - Clr/Clr	Dark Green	26	0	10	15	16	8	0.29	0.26	46	0.21	0.19	1.39
	CrystalGray/Clr - Clr/Clr	Blue Gray	25	0	13	14	16	10	0.29	0.26	55	0.26	0.23	1.11
	Gray/Clr - Clear/Clr	Blue Gray	17	0	10	9	16	8	0.29	0.26	50	0.23	0.20	0.85
<b>SunGuard Solar</b>														
Silver 32	Clear/Clr - Clear/Clr	Silver Blue-Gray	26	0	15	20	20	14	0.39	0.41	70	0.32	0.28	0.93
	Green/Clr - Clear/Clr	Blue -Green	22	0	10	16	20	9	0.39	0.41	56	0.25	0.23	0.99
Silver 20	Clear/Clr - Clear/Clr	Silver	17	0	9	29	25	20	0.37	0.34	54	0.24	0.21	0.78
	Green/Clr - Clear/Clr	Silver Green	14	0	6	22	25	11	0.37	0.34	46	0.20	0.18	0.79
<b>Other Guardian Low-E Products</b>														
Neutral 70	UW/UW - UW/UW	Ultra Clear	65	0	43	10	12	12	0.31	0.27	123	0.59	0.52	1.26
	Clear/Clr - Clear/Clr	Clear	63	0	34	10	12	10	0.31	0.27	110	0.53	0.46	1.36
Neutral 70 (#5)	UW/UW - UW/UW	Ultra Clear	65	0	43	12	10	15	0.31	0.27	141	0.68	0.59	1.10
	Clear/Clr - Clear/Clr	Clear	63	0	34	12	10	12	0.31	0.27	126	0.61	0.53	1.19

SEE NOTES RELATED TO ALL TABLES ON PAGE 18.

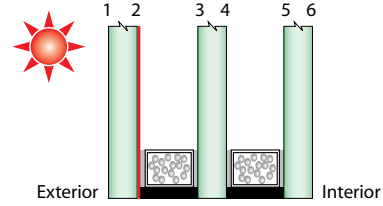




**INSULATING GLASS DATA W/ IS 20**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard SuperNeutral + IS 20</b>														
Coating #2 & IS 20 #4 Surface														
6 mm/12 mm a.s./6 mm														
SNX 62/27 + IS 20	UltraWhite - UltraWhite	Ultra Clear	<b>61</b>	6	23	11	12	48	0.23	0.20	61	0.29	<b>0.25</b>	2.40
	Clear - Clear	Clear	<b>60</b>	6	22	11	13	40	0.23	0.20	61	0.29	<b>0.25</b>	2.36
	Green - Clear	Green	<b>51</b>	3	18	9	12	11	0.23	0.20	53	0.25	<b>0.22</b>	2.27
	TwilightGreen - Clear	Dark Green	<b>45</b>	2	15	9	12	8	0.23	0.20	48	0.23	<b>0.20</b>	2.25
	CrystalGray - Clear	Light Gray	<b>43</b>	3	16	8	12	19	0.23	0.20	49	0.23	<b>0.20</b>	2.12
	Gray - Clear	Gray	<b>30</b>	3	11	6	11	19	0.23	0.20	39	0.18	<b>0.16</b>	1.84
SNX 51/23 + IS 20	UltraWhite - UltraWhite	Light Blue	<b>50</b>	10	19	14	14	42	0.23	0.20	53	0.25	<b>0.22</b>	2.31
	Clear - Clear	Light Blue	<b>49</b>	10	18	14	14	35	0.23	0.20	52	0.25	<b>0.22</b>	2.27
	Green - Clear	Blue-Green	<b>42</b>	5	15	11	14	11	0.23	0.20	47	0.22	<b>0.19</b>	2.15
	TwilightGreen - Clear	Dark Green	<b>37</b>	3	13	10	13	8	0.23	0.20	42	0.20	<b>0.18</b>	2.12
	CrystalGray - Clear	Light Gray	<b>36</b>	6	13	10	13	17	0.23	0.20	43	0.20	<b>0.18</b>	2.01
	Gray - Clear	Gray	<b>24</b>	4	9	7	13	17	0.23	0.20	34	0.16	<b>0.14</b>	1.72
SN 68 + IS 20	UltraWhite - UltraWhite	Ultra Clear	<b>67</b>	30	34	11	13	39	0.24	0.20	88	0.43	<b>0.37</b>	1.80
	Clear - Clear	Clear	<b>66</b>	28	32	11	13	32	0.24	0.20	85	0.41	<b>0.36</b>	1.83
	Green - Clear	Green	<b>56</b>	14	23	9	12	10	0.24	0.20	67	0.32	<b>0.28</b>	2.00
	TwilightGreen - Clear	Dark Green	<b>50</b>	8	19	9	12	7	0.24	0.20	58	0.28	<b>0.24</b>	2.05
	CrystalGray - Clear	Light Gray	<b>48</b>	17	23	8	12	16	0.24	0.20	66	0.32	<b>0.28</b>	1.72
	Gray - Clear	Gray	<b>33</b>	12	17	6	11	16	0.24	0.20	54	0.26	<b>0.23</b>	1.44
SN 62 + IS 20	UltraWhite - UltraWhite	Ultra Clear	<b>62</b>	15	27	11	14	40	0.23	0.20	72	0.35	<b>0.30</b>	2.03
	Clear - Clear	Clear	<b>60</b>	13	26	12	14	33	0.23	0.20	71	0.34	<b>0.30</b>	2.03
	CrystalGray - Clear	Light Gray	<b>44</b>	8	19	8	13	16	0.23	0.20	56	0.27	<b>0.23</b>	1.87
SN 54 + IS 20	UltraWhite - UltraWhite	Ultra Clear	<b>53</b>	16	24	13	18	41	0.24	0.20	65	0.31	<b>0.27</b>	1.97
	Clear - Clear	Clear	<b>52</b>	14	23	13	18	33	0.24	0.20	63	0.30	<b>0.27</b>	1.97
	Green - Clear	Green	<b>44</b>	7	17	11	18	10	0.24	0.20	53	0.25	<b>0.22</b>	2.01
	TwilightGreen - Clear	Dark Green	<b>39</b>	4	14	10	18	8	0.24	0.20	47	0.22	<b>0.20</b>	2.02
	CrystalGray - Clear	Light Gray	<b>38</b>	9	16	9	18	17	0.24	0.20	51	0.24	<b>0.21</b>	1.79
	Gray - Clear	Gray	<b>26</b>	6	12	7	17	16	0.24	0.20	42	0.20	<b>0.17</b>	1.50
SNR 43 + IS 20	UltraWhite - UltraWhite	Light Silver	<b>43</b>	17	19	28	14	50	0.23	0.20	52	0.25	<b>0.22</b>	1.97
	Clear - Clear	Light Silver	<b>42</b>	16	18	28	14	42	0.23	0.20	51	0.25	<b>0.21</b>	1.95
	Green - Clear	Green	<b>35</b>	8	14	21	14	14	0.23	0.20	44	0.21	<b>0.18</b>	1.93
	TwilightGreen - Clear	Dark Green	<b>31</b>	5	11	18	14	11	0.23	0.20	40	0.19	<b>0.16</b>	1.91
	CrystalGray - Clear	Silver Gray	<b>30</b>	9	13	17	14	21	0.23	0.20	42	0.20	<b>0.18</b>	1.72
	Gray - Clear	Silver Gray	<b>20</b>	7	10	10	14	19	0.23	0.20	35	0.16	<b>0.14</b>	1.43

SEE NOTES RELATED TO ALL TABLES ON PAGE 18.

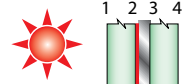


**TRIPLE-GLAZED INSULATING GLASS DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Air	Argon				
<b>SunGuard SuperNeutral</b>														
			<b>Coating #2 Surface</b>						<b>6 mm/12 mm a.s./6 mm/12 mm a.s./6 mm</b>					
SNX 62/27	UW - UW - UW	Ultra Clear	<b>57</b>	6	22	14	18	49	0.21	0.18	58	0.28	<b>0.24</b>	2.38
	Clr - Clr - Clr	Clear	<b>55</b>	5	20	14	18	40	0.21	0.18	57	0.27	<b>0.24</b>	2.32
SNX 51/23	UW - UW - UW	Light Blue	<b>47</b>	9	18	16	19	42	0.21	0.18	50	0.24	<b>0.21</b>	2.28
	Clr - Clr - Clr	Light Blue	<b>46</b>	8	17	16	19	35	0.21	0.18	49	0.24	<b>0.21</b>	2.22
SN 68	UW - UW - UW	Ultra Clear	<b>63</b>	27	32	15	18	40	0.22	0.18	84	0.41	<b>0.35</b>	1.78
	Clr - Clr - Clr	Clear	<b>61</b>	24	29	15	18	33	0.22	0.18	81	0.39	<b>0.34</b>	1.79
SN 62	UW - UW - UW	Ultra Clear	<b>58</b>	13	26	14	19	41	0.21	0.18	69	0.33	<b>0.29</b>	2.01
	Clr - Clr - Clr	Clear	<b>56</b>	12	24	14	19	34	0.21	0.18	67	0.32	<b>0.28</b>	1.99
SN 54	UW - UW - UW	Ultra Clear	<b>50</b>	14	23	15	23	41	0.21	0.18	62	0.29	<b>0.26</b>	1.95
	Clr - Clr - Clr	Clear	<b>49</b>	12	21	15	23	34	0.21	0.18	60	0.29	<b>0.25</b>	1.93
SNR 43	UW - UW - UW	Light Silver	<b>40</b>	16	18	29	19	50	0.21	0.18	50	0.24	<b>0.21</b>	1.94
	Clr - Clr - Clr	Light Silver	<b>39</b>	14	16	29	19	42	0.21	0.18	49	0.23	<b>0.20</b>	1.91
<b>Coating #2 &amp; SN 68 #5 Surface</b>														
SNX 62/27*	UW - UW - UW	Ultra Clear	<b>49</b>	3	18	13	13	49	0.16	0.12	56	0.27	<b>0.24</b>	2.06
	Clr - Clr - Clr	Clear	<b>47</b>	3	17	13	13	40	0.16	0.12	55	0.27	<b>0.23</b>	2.03
SNX 51/23	UW - UW - UW	Light Blue	<b>40</b>	6	15	15	14	42	0.16	0.12	48	0.23	<b>0.20</b>	2.00
	Clr - Clr - Clr	Light Blue	<b>39</b>	5	14	15	14	35	0.16	0.12	47	0.23	<b>0.20</b>	1.96
SN 68*	UW - UW - UW	Ultra Clear	<b>53</b>	16	24	13	13	41	0.16	0.12	77	0.37	<b>0.33</b>	1.63
	Clr - Clr - Clr	Clear	<b>52</b>	15	22	13	13	33	0.16	0.12	74	0.36	<b>0.32</b>	1.64
SN 62*	UW - UW - UW	Ultra Clear	<b>49</b>	8	20	13	14	41	0.16	0.12	64	0.31	<b>0.27</b>	1.79
	Clr - Clr - Clr	Clear	<b>47</b>	7	18	13	14	34	0.16	0.12	62	0.30	<b>0.27</b>	1.79
SN 54	UW - UW - UW	Ultra Clear	<b>42</b>	9	17	14	17	41	0.16	0.12	57	0.28	<b>0.24</b>	1.76
	Clr - Clr - Clr	Clear	<b>41</b>	8	16	14	17	34	0.16	0.12	56	0.27	<b>0.24</b>	1.75
SNR 43	UW - UW - UW	Light Silver	<b>34</b>	9	14	29	14	50	0.16	0.12	46	0.22	<b>0.19</b>	1.74
	Clr - Clr - Clr	Light Silver	<b>33</b>	8	13	28	14	42	0.16	0.12	45	0.22	<b>0.19</b>	1.72
<b>Coating #2 &amp; Neutral 78/65 #5 Surface</b>														
SNX 62/27	UW - UW - UW	Ultra Clear	<b>56</b>	5	21	13	15	49	0.16	0.13	57	0.28	<b>0.24</b>	2.31
	Clr - Clr - Clr	Clear	<b>54</b>	4	20	13	15	40	0.16	0.13	56	0.27	<b>0.24</b>	2.27
SNX 51/23	UW - UW - UW	Light Blue	<b>46</b>	8	17	15	16	42	0.16	0.13	49	0.23	<b>0.20</b>	2.25
	Clr - Clr - Clr	Light Blue	<b>45</b>	7	16	15	16	35	0.16	0.13	48	0.23	<b>0.20</b>	2.21
SN 68	UW - UW - UW	Ultra Clear	<b>61</b>	21	31	13	15	40	0.16	0.13	83	0.40	<b>0.35</b>	1.74
	Clr - Clr - Clr	Clear	<b>59</b>	19	27	13	16	33	0.16	0.13	79	0.39	<b>0.34</b>	1.76
SN 62	UW - UW - UW	Ultra Clear	<b>56</b>	11	25	13	17	41	0.16	0.13	68	0.33	<b>0.29</b>	1.96
	Clr - Clr - Clr	Clear	<b>54</b>	9	23	13	17	34	0.16	0.13	65	0.32	<b>0.28</b>	1.96
SN 54	UW - UW - UW	Ultra Clear	<b>49</b>	11	22	14	20	41	0.16	0.13	60	0.29	<b>0.25</b>	1.91
	Clr - Clr - Clr	Clear	<b>47</b>	10	20	15	20	34	0.16	0.13	58	0.28	<b>0.25</b>	1.91
SNR 43	UW - UW - UW	Light Silver	<b>39</b>	12	17	29	17	50	0.16	0.13	48	0.23	<b>0.20</b>	1.91
	Clr - Clr - Clr	Light Silver	<b>38</b>	11	16	28	17	42	0.16	0.13	47	0.23	<b>0.20</b>	1.90
<b>Coating #2, Neutral 78/65 #4 Surface, &amp; SunGuard IS 20 #6 Surface</b>														
SNX 62/27	UW - UW - UW	Ultra Clear	<b>54</b>	4	20	13	16	49	0.14	0.12	54	0.26	<b>0.23</b>	2.35
	Clr - Clr - Clr	Clear	<b>52</b>	4	19	13	16	40	0.14	0.12	53	0.26	<b>0.23</b>	2.31
SNX 51/23	UW - UW - UW	Light Blue	<b>45</b>	7	17	15	17	42	0.14	0.12	46	0.22	<b>0.20</b>	2.29
	Clr - Clr - Clr	Light Blue	<b>43</b>	6	16	15	17	35	0.14	0.12	46	0.22	<b>0.19</b>	2.25
SN 68	UW - UW - UW	Ultra Clear	<b>60</b>	20	29	14	16	40	0.14	0.12	79	0.39	<b>0.34</b>	1.77
	Clr - Clr - Clr	Clear	<b>58</b>	18	26	14	16	33	0.14	0.12	75	0.37	<b>0.32</b>	1.80
SN 62	UW - UW - UW	Ultra Clear	<b>55</b>	10	24	13	17	41	0.14	0.12	64	0.31	<b>0.27</b>	1.99
	Clr - Clr - Clr	Clear	<b>53</b>	9	22	14	17	34	0.14	0.12	62	0.30	<b>0.26</b>	2.00
SN 54	UW - UW - UW	Ultra Clear	<b>47</b>	11	21	15	20	41	0.14	0.12	57	0.28	<b>0.24</b>	1.95
	Clr - Clr - Clr	Clear	<b>46</b>	9	19	15	20	34	0.14	0.12	55	0.27	<b>0.23</b>	1.95
SNR 43	UW - UW - UW	Light Silver	<b>38</b>	12	17	29	17	50	0.14	0.12	46	0.22	<b>0.19</b>	1.95
	Clr - Clr - Clr	Light Silver	<b>37</b>	10	15	29	17	42	0.14	0.12	45	0.22	<b>0.19</b>	1.94

SEE NOTES RELATED TO ALL TABLES ON PAGE 18.





**LAMINATED GLASS DATA**

Product	Outboard - Inboard Substrate	Appearance	Transmission			Reflectance			U-Value		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %	Winter Night	Summer Day				
<b>SunGuard SuperNeutral</b>			Coating #2 Surface						6 mm/.090 PVB/6 mm					
SN 68	Clear/Clear	Clear	<b>67</b>	0	29	11	11	33	0.94	0.85	104	0.46	<b>0.40</b>	1.68
	Green/Clear	Green	<b>57</b>	0	21	9	10	10	0.94	0.85	105	0.47	<b>0.41</b>	1.39
	CrystalGray/Clear	Light Gray	<b>48</b>	0	21	8	9	16	0.94	0.85	100	0.44	<b>0.38</b>	1.26
SN 62	Clear/Clear	Clear	<b>61</b>	0	24	12	13	34	0.94	0.85	95	0.42	<b>0.36</b>	1.70
	CrystalGray/Clear	Light Gray	<b>45</b>	0	18	9	12	17	0.94	0.85	95	0.41	<b>0.36</b>	1.24
<b>SunGuard High Performance</b>														
Light Blue 63	Clear/Clear	Light Blue	<b>65</b>	0	42	10	6	14	0.94	0.85	139	0.64	<b>0.55</b>	1.17
	Green/Clear	Blue-Green	<b>55</b>	0	26	8	6	7	0.94	0.85	115	0.51	<b>0.45</b>	1.23
	CrystalGray/Clear	Light Gray	<b>47</b>	0	29	7	5	9	0.94	0.85	120	0.54	<b>0.47</b>	1.00
Royal Blue 40	Clear/Clear	Royal Blue	<b>34</b>	0	22	28	22	26	0.94	0.85	98	0.43	<b>0.37</b>	0.92
	Green/Clear	Aquamarine	<b>29</b>	0	14	21	22	13	0.94	0.85	91	0.40	<b>0.34</b>	0.85
	CrystalGray/Clear	Blue Gray	<b>25</b>	0	15	17	22	15	0.94	0.85	93	0.41	<b>0.35</b>	0.71
<b>SunGuard Solar</b>														
Silver 32	Clear/Clear	Silver Blue-Gray	<b>31</b>	0	21	22	13	20	0.94	0.85	100	0.44	<b>0.38</b>	0.82
	Green/Clear	Blue-Green	<b>26</b>	0	13	17	13	10	0.94	0.85	92	0.40	<b>0.35</b>	0.77
Silver 20	Clear/Clear	Silver	<b>19</b>	0	13	32	21	28	0.94	0.85	80	0.34	<b>0.29</b>	0.65
	Green/Clear	Green	<b>16</b>	0	8	24	21	13	0.94	0.85	81	0.35	<b>0.30</b>	0.54

**NOTES RELATED TO ALL SUNGUARD PERFORMANCE TABLES:**

- The performance values shown are nominal and subject to variations due to manufacturing tolerances.
- Guardian performance data are calculated in accordance with the LBNL Window 6 computer analysis using an air mass of 1.5.
- Glass may require heat strengthening or tempering to resist potential thermal stresses. SNR 43 must be heat-treated.
- A slight shift in visible light reflectance or transmission may be noticed after heat-treatment.
- Relative Heat Gain, Shading Coefficient, Solar Heat Gain Coefficient and/or LSG may change slightly when using argon gas fill.
- Guardian recommends edge deletion for all commercial low-E coatings.
- Guardian reserves the right to change product performance characteristics without notice or obligation.

**NOTES RELATED TO SUNGUARD IS 20 PERFORMANCE TABLE ON PAGE 16:**

- SunGuard IS 20 coating is on the #4 surface, All performance data is measured with argon gas fill except U-Value Air.
- SunGuard IS 20 is also available with SunGuard High Performance and Solar products - contact your SunGuard sales representative for more information.

**NOTES RELATED TO SUNGUARD TRIPLE-GLAZED PERFORMANCE TABLE ON PAGE 17:**

- All performance data is measured with argon gas fill except U-Value Air.
- \*Review of a full-size mock-up is recommended.

**NOTES RELATED TO LAMINATED GLASS PERFORMANCE TABLES:**

- Changes in PVB thickness have little effect on performance data shown.
- When SunGuard coatings are laminated facing the interlayer material, there will be a noticeable color change when compared to standard insulated applications. When SN coatings are laminated facing the interlayer material, the coating's reflected outdoor color, that is the color viewable from the outside of the building, will shift to a red or purple color when viewed from an angle. Guardian recommends a full-size mock-up be approved.

