

# TNG Performance Coatings Data

## Single Silver

Production name	Glass Buildup	Color	Light Transmission(%)			Solar Energy(%)		U Value [W/(M <sup>2</sup> -K)] (Air)		U Value [W/(M <sup>2</sup> -K)] (Argon)		SHGC	SC	Temperable	Bendable	Size
			Transmissi on	Out Door Reflectance	Indoor Reflectance	Transmissi on	Out Door Reflectance	Winter	Summer	Winter	Summer					
<b>Single Silver Coating with clear base glass</b>																
TNG11-89E	6CTNG11-89E#2+12mm Space+6C	Neutral	80.3%	12.0%	12.0%	52.2%	22.7%	1.71	1.67	1.44	1.37	0.58	0.67	N	N	3.3*18m
TNG11-85E	6CTNG11-85E#2+12mm Space+6C	Neutral	77.9%	12.2%	12.1%	52.1%	20.3%	1.80	1.8	1.55	1.52	0.58	0.67	N	N	3.3*18m
TNG11-80E-DB	6CTNG11-80E-DB#2+12mm Space+6C	Blue	72.2%	15.4%	12.8%	47.2%	24.1%	1.78	1.77	1.52	1.49	0.53	0.61	Y	Y	3.3*18m
TNG11-70E-DB	6CTNG11-70E-DB#2+12mm Space+6C	Light Blue	67.2%	18.5%	13.6%	44.3%	25.2%	1.78	1.76	1.52	1.48	0.5	0.58	Y	Y	3.3*18m
TNG14-60E	6CTNG14-60E#2+12mm Space+6C	Grey	52.5%	20.9%	10.9%	33.9%	24.7%	1.82	1.82	1.57	1.55	0.4	0.46	Y	Y	3.3*18m
TNG15-55E	6CTNG15-55E#2+12mm Space+6C	Light Blue	50.6%	33.8%	25.1%	28.3%	40.4%	1.7	1.66	1.42	1.35	0.33	0.38	N	N	3.3*18m
TNG14-55E	6CTNG14-55E#2+12mm Space+6C	Grey	47.5%	28.6%	17.3%	28.3%	31.8%	1.73	1.7	1.46	1.4	0.34	0.39	N	N	3.3*18m
TNG15-47E	6CTNG15-47E#2+12mm Space+6C	Light Blue	43.0%	35.8%	16.3%	25.1%	38.2%	1.72	1.68	1.45	1.38	0.3	0.34	N	N	3.3*18m
TNG16-48E	6CTNG16-48E#2+12mm Space+6C	Light Blue	42.8%	36.6%	22.0%	25.1%	38.2%	1.73	1.7	1.46	1.4	0.3	0.35	N	N	3.3*18m
TNG15-53E	6CTNG15-53E#2+12mm Space+6C	Light Blue	48.2%	33.2%	17.4%	28.0%	37.6%	1.71	1.67	1.44	1.37	0.33	0.38	N	N	3.3*18m
TNG16-47E	6CTNG16-47E#2+12mm Space+6C	Blue	42.9%	29.6%	12.9%	26.7%	29.0%	1.8	1.8	1.54	1.52	0.33	0.38	Y	Y	3.3*18m
TNG17-40E	6CTNG17-40E#2+12mm Space+6C	Grey	37.6%	47.6%	22.6%	22.1%	57.5%	1.69	1.64	1.41	1.34	0.25	0.29	N	N	3.3*18m
TNG17-37E	6CTNG17-37E#2+12mm Space+6C	Grey	33.6%	44.2%	15.9%	19.5%	43.1%	1.71	1.67	1.44	1.37	0.24	0.28	N	N	3.3*18m

# TNG Performance Coatings Data

## Double Silver

Production name	Glass Buildup	Color	Light Transmission(%)			Solar Energy(%)		U Value [W/(M <sup>2</sup> ·K)] (Air)		U Value [W/(M <sup>2</sup> ·K)] (Argon)		SHGC	SC	Temperable	Bendable	Size
			Transmissi on	Out Door Reflectance	Indoor Reflectance	Transmissi on	Out Door Reflectance	Winter	Summer	Winter	Summer					
<b>Double Silver Coating with clear base glass</b>																
TNG11-78D	6CTNG11-78D+12mm Space+6C	Neutral	70.3%	12.5%	13.3%	33.9%	34.4%	1.69	1.65	1.42	1.35	0.38	0.44	N	N	3.2*18m
TNG11-75D	6CTNG11-75D+12mm Space+6C	Neutral	68.7%	11.9%	13.1%	33.7%	31.6%	1.71	1.67	1.43	1.37	0.38	0.44	N	N	3.2*18m
TNG11-70D	6CTNG11-70D+12mm Space+6C	Neutral	64.5%	13.0%	15.8%	32.3%	32.2%	1.71	1.68	1.44	1.38	0.37	0.43	N	N	3.2*18m
TNG11-67D	6CTNG11-67D+12mm Space+6C	Dark Blue	61.6%	13.7%	17.6%	31.4%	30.9%	1.71	1.68	1.44	1.38	0.36	0.42	N	N	3.2*18m
TNG12-65D	6CTNG12-65D+12mm Space+6C	Blue	59.7%	12.3%	14.0%	28.9%	31.7%	1.70	1.67	1.43	1.36	0.34	0.39	N	N	3.2*18m
TNG12-60D	6CTNG12-60D+12mm Space+6C	Light Blue	54.4%	12.7%	12.7%	25.9%	29.7%	1.71	1.67	1.43	1.37	0.31	0.36	N	N	3.2*18m
TNG12-53ND	6CTNG12-53ND+12mm Space+6C	Light Blue	47.7%	17.4%	11.4%	21.1%	35.3%	1.67	1.62	1.39	1.3	0.26	0.30	N	N	3.2*18m
TNG12-62ND	6CTNG12-62ND+12mm Space+6C	Light Blue	56.2%	17.1%	14.1%	26.3%	33.2%	1.68	1.63	1.40	1.32	0.31	0.36	N	N	3.2*18m
TNG13-51ND	6CTNG13-51ND+12mm Space+6C	Light Blue	46.9%	17.4%	12.4%	20.3%	38.2%	1.67	1.62	1.39	1.3	0.25	0.28	N	N	3.2*18m
TNG11-80D-T	6CTNG11-80D-T+12mm Space+6C	Neutral	72.2%	11.9%	12.7%	38.4%	38.3%	1.66	1.61	1.39	1.3	0.42	0.49	Y	Y	3.2*18m
TNG12-55D	6CTNG12-55D+12mm Space+6C	Light Blue	50.6%	15.0%	13.5%	23.9%	31.2%	1.70	1.66	1.43	1.36	0.29	0.33	N	N	3.2*18m
TNG14-50D	6CTNG14-50D+12mm Space+6C	Light Blue	45.7%	27.7%	18.1%	20.2%	51.8%	1.68	1.64	1.41	1.33	0.24	0.27	N	N	3.2*18m

# TNG Performance Coatings Data

## Solar Control

Production name	Glass Buildup	Color	Light Transmission(%)			Solar Energy(%)		U Value [W/(M <sup>2</sup> ·K)] (Air)		U Value [W/(M <sup>2</sup> ·K)] (Argon)		SHGC	SC	Temperable	Bendable	Size
			Transmissi on	Out Door Reflectance	Indoor Reflectance	Transmissi on	Out Door Reflectance	Winter	Summer	Winter	Summer					
<b>Solar Control Coating</b>																
TNG11-80S	6C TNG11-80S#2	Neutral	80.8%	14.4%	13.4%	75.4%	11.7%	5.81	5.24			0.79	0.91	N	N	3.3*18m
SC70	6C SC70	Grey	66.3%	4.6%	12.2%	65.0%	4.5%	5.81	5.24			0.76	0.87	N	N	3.3*18m
TNG13-65S	6C TNG13-65S#2	Grey	65.6%	17.1%	24.2%	63.4%	12.5%	5.81	5.24			0.71	0.81	Y	Y	3.3*18m
TNG12-58S	6C TNG12-58S#2	Light Blue	58.2%	12.5%	18.8%	54.9%	9.6%	5.81	5.24			0.66	0.76	Y	Y	3.3*18m
TNG12-51S	6C TNG12-51S#2	Light Blue	50.4%	16.7%	17.6%	44.7%	11.4%	5.81	5.24			0.58	0.67	Y	Y	3.3*18m
TNG12-40S	6C TNG12-40S#2	Grey	40.5%	13.4%	23.2%	38.4%	10.5%	5.81	5.24			0.54	0.62	Y	Y	3.3*18m
TNG15-29S-T	6C TNG15-29S-T#2	Grey	31.0%	28.2%	28.0%	32.1%	20.8%	5.81	5.24			0.47	0.54	Y	Y	3.3*18m
TNG18-20S	6C TNG18-20S#2	Grey	19.3%	48.0%	8.8%	17.9%	33.2%	5.81	5.24			0.33	0.38	N	N	3.3*18m
TNG19-00S	6C TNG19-00S#2	White Silver	0.4%	50.3%	59.4%	1.1%	42.5%	5.81	5.24			0.19	0.21	N	N	3.3*18m