

R GREY 10

Product Name	: R GREY 10
Product Description	: Reflective Films are coated with a micro-thin, partially transparent layer of metal and have a mirror like finish. They prevent visibility from outside (area of greater light intensity) during the day and vice-versa during the night. Total solar energy rejection is on higher side.

GARWARE SUNCONTROL[®]

WINDOW FILM

Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Amazon, Hitech City - Hyderabad• Atomic Power Station, Kalpakkam• Aurangabad New Airport, Aurangabad• Bankers Institute of Rural Development, Lucknow• Blue Star Ltd., Mumbai• D.R.Steel Construction, Kolkata• Indian Oil Corporation, Viramgam - Gujarat• IOCL Depot, Siliguri• Kalaikunda Air Force Station, Kharapur• Siemens India Ltd., Aurangabad• Siemens Building (Bhimrajka Impex Ltd.), Kolkata• Tata Institute of Fundamental Research, Mumbai• Thermax Industries Ltd., Savli - Baroda• Vadilal House, Ahmedabad
2	Visible Light Transmittance	8%	
3	Visible Light Reflectance	13%	
4	Solar Energy Transmittance	9%	
5	Solar Energy Reflectance	27%	
6	Solar Energy Absorbance	64%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	92%	
9	Shading Coefficient	0.31	
10	Emissivity	0.68	
11	U Factor (BTU /HR./SQ.FT.)	1.03	
12	Total Solar Energy Rejection	73%	



Disclaimer : All values as applied to 1/8 inch Clear Plate Glass. Tests are representative of actual production & may vary from batch to batch.

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1	Thickness	2 Mil	<ul style="list-style-type: none">• Bank of Baroda, Lucknow• BHEL, Noida• Calcutta Tramways, Kolkata• Finolex J.Power Ltd., Shirval - Pune• Hindustan Petroleum Corporation Ltd., Cuddapah - Andhrapradesh• ICICI Bank, Hyderabad• Jawaharlal Nehru University, Delhi• Jaypee Hotel, Agra• NIIT, Noida• Paradise House, Surat• Punjab National Bank, Lucknow
2	Visible Light Transmittance	13%	
3	Visible Light Reflectance	23%	
4	Solar Energy Transmittance	12%	
5	Solar Energy Reflectance	32%	
6	Solar Energy Absorbance	56%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	86%	
9	Shading Coefficient	0.32	
10	Emissivity	0.66	
11	U Factor (BTU /HR./SQ.FT.)	1.01	
12	Total Solar Energy Rejection	73%	



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R BLUE 15

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WINDOW FILM

Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Calcutta Tramways, Kolkata• Mindtree Technologies Ltd., Bangalore• Raheja Builders, Bangalore• Ralco, Bangalore• Siemens, Bangalore• Union Bank of India, Lucknow
2	Visible Light Transmittance	13%	
3	Visible Light Reflectance	31%	
4	Solar Energy Transmittance	11%	
5	Solar Energy Reflectance	37%	
6	Solar Energy Absorbance	52%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	86%	
9	Shading Coefficient	0.29	
10	Emissivity	0.69	
11	U Factor (BTU /HR./SQ.FT.)	1.01	
12	Total Solar Energy Rejection	75%	



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R BRONZE 10

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GARWARE SUNCONTROL®

WINDOW FILM

Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• AJ International Hotel, Bangalore• Chemplast (I) Ltd., Chennai• Delhi University, Delhi• G.D.Goenka School, Delhi• HCL Technologies Ltd., Chennai• Hella India Electronics Pvt Ltd., Pune• Mahyco Seed Ltd., Jalana• Motor House Pvt Ltd., Ahmedabad• Sharda University, Noida• Supreme Builders, Mumbai• Suyog Builders, Pune• Titan Industries Ltd., Bangalore
2	Visible Light Transmittance	10%	
3	Visible Light Reflectance	21%	
4	Solar Energy Transmittance	10%	
5	Solar Energy Reflectance	31%	
6	Solar Energy Absorbance	59%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	89%	
9	Shading Coefficient	0.31	
10	Emissivity	0.66	
11	U Factor (BTU /HR./SQ.FT.)	1.01	
12	Total Solar Energy Rejection	74%	



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R GOLD 15

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Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Design Combines, Architectural Group, Thrissur• Dibrugarh Airport, Dibrugarh• Royal Hotel, Bangalore
2	Visible Light Transmittance	14%	
3	Visible Light Reflectance	46%	
4	Solar Energy Transmittance	12%	
5	Solar Energy Reflectance	44%	
6	Solar Energy Absorbance	44%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	84%	
9	Shading Coefficient	0.28	
10	Emissivity	0.69	
11	U Factor (BTU /HR./SQ.FT.)	1.04	
12	Total Solar Energy Rejection	76%	



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R SILVER 20

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Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Airport Authority of India, Bangalore• Amdocs Software Pvt.Ltd., Pune• Flextronics, Chennai• Inotix Technologies Ltd., Chennai• JK Tyre Ltd., Mumbai• Mayfair Hotel, Puri-Orissa• Medisole Life Science Pvt Ltd., Vapi• Micromatic Tool, Bangalore• Phoenix Market City Resources Ltd., Mumbai• RNA Builders, Mumbai• Shakti Bhawan, Lucknow• Sharda Canal, Lucknow• Tata Indicom, Patna• Tata Motors Ltd., Lucknow• Transworld Group Mumbai• Trustline, Noida• Wockhardt Hospital, Nasik
2	Visible Light Transmittance	18%	
3	Visible Light Reflectance	58%	
4	Solar Energy Transmittance	13%	
5	Solar Energy Reflectance	53%	
6	Solar Energy Absorbance	34%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	80%	
9	Shading Coefficient	0.25	
10	Emissivity	0.64	
11	U Factor (BTU /HR./SQ.FT.)	1.01	
12	Total Solar Energy Rejection	78%	



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R SILVER 35

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WINDOW FILM

Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Infosys Technologies Ltd, Bangalore• Jawaharlal Nehru University, Delhi• Petroleum University, Dehradun• Vikas Bhawan, Delhi
2	Visible Light Transmittance	36%	
3	Visible Light Reflectance	38%	
4	Solar Energy Transmittance	28%	
5	Solar Energy Reflectance	37%	
6	Solar Energy Absorbance	35%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	60%	
9	Shading Coefficient	0.43	
10	Emissivity	0.72	
11	U Factor (BTU /HR./SQ.FT.)	1.05	
12	Total Solar Energy Rejection	63%	



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R SILVER 50

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Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Ascendas IT Park, Chennai• Fitnessone Group India Ltd., Vijayawada• Inorbit Mall, Bangalore• R City Mall, Mumbai• Shri Ram School DLF 4 , Gurgaon• Siemens, Baroda
2	Visible Light Transmittance	49%	
3	Visible Light Reflectance	26%	
4	Solar Energy Transmittance	38%	
5	Solar Energy Reflectance	26%	
6	Solar Energy Absorbance	36%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	46%	
9	Shading Coefficient	0.56	
10	Emissivity	0.78	
11	U Factor (BTU /HR./SQ.FT.)	1.07	
12	Total Solar Energy Rejection	52%	



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R SILVER 70

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WINDOW FILM

Sr.No	Properties	Unit	Some of Our Renowned Customers
1	Thickness	2 Mil	<ul style="list-style-type: none">• Marks & Spencers Store, Surat• Reliance D Victoria Mall, Mumbai
2	Visible Light Transmittance	69%	
3	Visible Light Reflectance	12%	
4	Solar Energy Transmittance	56%	
5	Solar Energy Reflectance	12%	
6	Solar Energy Absorbance	32%	
7	Ultra Violet Transmittance	< 1%	
8	Glare Reduction	24%	
9	Shading Coefficient	0.75	
10	Emissivity	0.81	
11	U Factor (BTU /HR./SQ.FT.)	1.09	
12	Total Solar Energy Rejection	35%	



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