



FOR INTERNAL and EXTERNAL USE

3M™ Scotchcal™ Translucent Graphic Film 3630

Light Transmission Data

Background

To assist sign manufacturers in complying with local signage regulations in relation to light output, the following data table provides guidance on the light transmission percentages of 3M™ Scotchcal™ Translucent Graphic Film 3630.

Explanation how values are calculated

The color data was obtained by using an X-Rite Ci7800 benchtop spectrophotometer. It is a d/8° geometry and the colorimetric results are based on a D65/10° illuminant/observer, specular included, UV included, 1” aperture. CIE Y is based on measurements of the increase in transmitted brightness as perceived by the human eye of the film only.

Disclaimer

The data provided here does not represent a target, limit, or any specification. It is provided for courtesy and is based on a sampling of product material. The user is responsible for determining and complying with all applicable building codes and regulations that affect the use of materials in interior and exterior awning, channel letter and any sign face applications, including flammability standards.

Data

Product Code	Absolute Transmission Value CIE Y	Product Code	Absolute Transmission Value CIE Y	Product Code	Absolute Transmission Value CIE Y	Product Code	Absolute Transmission Value CIE Y
3630-20	25.6	3630-68	3.9	3630-111	64.9	3630-149	13.0
3630-22	0.0	3630-69	0.0	3630-115	29.4	3630-156	8.7
3630-25	20.2	3630-71	7.7	3630-116	37.7	3630-157	1.8
3630-26	17.8	3630-73	2.8	3630-118	4.0	3630-158	4.5
3630-27	15.2	3630-74	5.9	3630-121	11.7	3630-163	4.8
3630-33	3.6	3630-75	27.6	3630-124	9.1	3630-167	5.7
3630-36	6.4	3630-76	6.4	3630-125	17.2	3630-187	1.1
3630-37	3.3	3630-77	0.7	3630-126	11.0	3630-196	4.5
3630-38	6.1	3630-78	9.8	3630-127	4.2	3630-216	3.4
3630-39	43.9	3630-83	3.1	3630-128	1.6	3630-217	3.6
3630-43	4.9	3630-84	14.0	3630-129	34.5	3630-227	8.5
3630-44	10.0	3630-86	9.1	3630-131	5.5	3630-235	12.6
3630-47	4.6	3630-87	5.0	3630-133	11.6	3630-236	15.7
3630-49	2.4	3630-93	3.9	3630-135	10.2	3630-246	11.6
3630-51	10.4	3630-97	5.6	3630-136	24.1	3630-276	3.9
3630-53	4.3	3630-98	16.2	3630-137	2.2	3630-287	1.6
3630-56	2.0	3630-005	19.6	3630-141	7.7	3630-297	1.4
3630-57	4.1	3630-015	39.4	3630-143	7.7	3630-316	2.8
3630-59	0.8	3630-106	10.2	3630-144	12.7	3630-317	5.6
3630-61	2.8	3630-108	12.1	3630-146	4.3	3630-328	2.9
3630-63	1.9	3630-109	0.9	3630-147	10.2	3630-337	6.7

