

TECHNICAL SPECIFICATIONS (CONT'D)

PROPERTY	UNITS	TEST RESULTS (AVERAGED)	TEST METHODS (AMERICAN STANDARD TEST METHODS)
TEAR RESISTANCE			
WARP (ALONG)	lbf	22 (98 Newton Force)	Section 8, Vol. 08.01, D1593-89
WEFT (ACROSS)	lbf	16 (71 Newton Force)	
OPTICAL DENSITY	%	Each color varies Each color varies	
GLOSS	%	35	Section 8, Vol. 08.03, D2457-90
SEAM STRENGTH	lbf/linear	106 (471 Newton Force)	Section 8, Vol. 08.01, D982
WATER ABSORPTION	%	.6	Section 8, Vol. 08.01, D1593-89
HEAT STABILITY		No color change after 15 mins. in oven at 351°F (177°C)	Section 8, Vol. 08.02, D2115-67 (Re-approved 1988)
LOW TEMPERATURE		No crack at -14°F (-25°C)	Section 8, Vol. 08.01, D1593-89
UV RESISTANCE		No appreciable stiffening or cracking after 1000 hrs. under QUV test	Section 8, Vol. 08.03, D4329-92 (Test G53-91)
MILDEW RESISTANCE		Zero growth after 14 days.	Military equipment test (Mil- std.- 810C508), Test G21-80 and Vetron method B-20
ANTI-WICKING		1/4 in (6 mm) maximum wick	Permanent marker at edge of the Colorkote (Brand name of marker, Mark "A" Lot made by Dennison Stationery Products Co.)
SHRINKAGE		1/32 in (.8 mm) maximum shrinkage at 100° C for 30 mins.	Section 8, Vol. 08.01, D1593-89
CHEMICAL RESISTANCE		No visible sign of deterioration or weight loss.	Section 8, Vol. 08.01, D1239-55 (Re-approved 1982)
FLAME RESISTANCE		Flexface® (base substrate) meets all the requirements of the flame test.	-UL 48; Standard for Safety for Electric Signs, in accordance with the National Electrical Code, NFPA 701 -UL 94; Tests for flammability of polymeric materials. -Japan Fire Regulation article 8-3, CL. 8-3-1
UL APPROVAL		Flexface® (base substrate) meets Underwriters Laboratories Inc. requirements for a sign/awning material.	UL# E80939 (Sign Accessories)

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