



TDFA Surface Shield - HG

DESCRIPTION:

TDFA Surface Shield – HG is a high UV and abrasion resistant surface film designed for the highest level of protection to printed media, fabric, solar panels, and other applications demanding performance. This film is provided on a liner that should be removed after application.

CHARACTERISTICS:

- High UV resistance
- High scratch/scuff resistance
- Thermoformable
- Print-receptive to a variety of ink technologies
- Good heat resistance.
- Provided on a liner – gloss finish

TECHNICAL DATA:

PROPERTIES		TYPICAL VALUES	TEST METHOD
THICKNESS – mil ± 10%		3	T411
YIELD - in ² /lb		8385	T410
SPECIFIC GRAVITY		1.10	
TENSILE STRENGTH - psi ± 10%	MD	6400	ASTM D882
	TD	7200	
ELONGATION - %	MD	320	ASTM D882
	TD	315	
TEAR RESISTANCE – lbs. Initiated	MD	0.6	ASTM D1938
	TD	0.8	
TEAR RESISTANCE – lbs. Uninitiated	MD	2.1	ASTM D1004
	TD	1.8	
HARDNESS (Shore D)		60	
GARDNER IMPACT- in-lb	@20°C	21	ASTM D5420

NOTE: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Transilwrap shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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