



DATA SHEET

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10-7 B UHMW

PRODUCT: 3-MIL-S-FUHMW-50DK-BLK
CONSTRUCTION: Backing: 0.003" Release Coated
Ultra High Molecular Weight Polyethylene
Adhesive: 0.0018" Acrylic, Thermosetting
Liner: 52 # Densified Kraft
Color: Black

PROPERTY	VALUE	TEST METHOD
Film Thickness:	0.0030" +/- 0.0005"	ASTM-D-3652
Adhesive Thickness:	0.0018" +/- 0.0002"	ASTM-D-3652
Total Thickness:	0.0048" +/- 0.0007"	ASTM-D-3652
Adhesion:	30 oz/inch minimum	ASTM-D-1000 15 minute dwell
	37 oz/inch minimum	LAMART 14B 15 minute dwell
Elongation:		
Initial:	270 % minimum	ASTM-D-882
After 168 hours @ 93 degrees C.:	Greater than 50 % of initial	ASTM-D-882
Breaking Strength:		
Initial:	18 lbs/inch minimum	ASTM-D-882
After 168 hours @ 93 degrees C.:	Less than 100 % of initial	ASTM-D-882
Taber Abrasion:	Less than 2.0 mg mass loss 1,000 cycles, CS-17 wheel @ 0.5 kg load	SAE J1847
Dry Dynamic Coefficient of Friction:	< .1	ASTM-D-1894
Color:	Black	
Shelf Life:	1 year when stored under conditions of 70 degrees F.(21 degrees C.) and 50% R.H.	
Service Temperature	0 deg. C. to 135 deg. C	
Shear (hours):	168 hours at 2.2 PSI	PSTC #7

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