



ArmorFlex® 110 Film

▶ At ILC Dover we are always *“creating what’s next”* by listening carefully to our customers. In response to customer input and emerging regulations we’ve developed a robust new film to support our DoverPac® Containment Solutions line. This revolutionary product, ArmorFlex® 110, delivers permanent static dissipative properties while meeting FDA and 2002/72/EC requirements for food contact.

- ▶ Complies with FDA 21 CFR
- ▶ Meets 2002/72/EC requirements
- ▶ Passes USP <661> Physicochemical Tests for Plastics
- ▶ Passes requirements set forth in the ArmorFlex® 110 test monograph
- ▶ Passes USP <88> Class VI (7 day implant)
- ▶ Passes <87> biological reactivity, in vitro
- ▶ No animal derived components
- ▶ 5-year shelf life
- ▶ Permanent antistat replaces migrating additives
- ▶ Passes Chilworth incendivity tests
- ▶ DMF filed with FDA



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Available for use in DoverPac®, continuous liners, drum liners, and transfer sleeves.

Free of processing aids or surface treatments that could contaminate your product.

ArmorFlex® 110 Solvent Resistance

Solvent Contact Recommendations

Chemical	Resistance
Acetone	Excellent
Acetonitrile	Excellent
Anisole	Good
Butyl Acetate	Very Good
Cyclohexane	Fair
Cyclohexane – Ethyl Acetate (50/50)	Good
Dichloromethane	Very Good
Diethylether	Excellent
Dimethylacetamide	Excellent
Dimethylformamide	Excellent
Ethanol	Excellent
Ethyl Acetate	Very Good
HCL (37.4%)	Excellent
n-Heptane	Good
HMDS	Excellent
Isopropanol	Excellent
KOH (50%)	Excellent
Methanol	Excellent
2-Methoxyethanol	Excellent
n-Methylpiperazine	Very Good
n-Methylpyrrolidone	Excellent
Mineral Oil	Very Good
NaOH (50%)	Excellent
Reagent (3A) Alcohol	Excellent
Tetrahydrofuran	Excellent
Toluene	Very Good
Water, Distilled	Excellent

Criteria	
% Change in Physical Properties	Resistance
0 - 10	Excellent
10 - 20	Very Good
20 - 30	Good
> 30	Fair



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Providing Flexible Containment Solutions to the Pharmaceutical Industry since 1997

To “create what’s next” ILC Dover listens to its customers. Our skilled engineering staff, building on years of experience with NASA and commercial customers, translates those needs into high performance products. ArmorFlex®110 Film is a result of this process. We look forward to hearing from you so we can continue to “create what’s next”.