



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
- ▶ 5-year shelf life
- ▶ Permanent antistat replaces migrating additives
- ▶ Passes Chilworth incendivity tests
- ▶ DMF filed with FDA



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creating what's next ▶



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”.