



NIMBUS CHEMTECH

Pharmaceutical Packaging Material Portfolio



NIMBUS
CHEMTECH

#	PRODUCT IDENTIFICATION	MATERIAL SPECIFICATIONS	PHARMACEUTICAL APPLICATIONS
01	Alu-Alu Cold Forming Foil	Multi-layer OPA / Aluminium / PVC laminate engineered for maximum elongation without fracturing.	100% barrier against moisture, oxygen, light, and gases. Ideal for highly hygroscopic solid dosage forms (tablets, capsules) requiring extended shelf-life stability.
02	PVC / PVDC Film	Pharmaceutical-grade Polyvinyl Chloride coated with Polyvinylidene Chloride barrier polymer.	High-clarity thermoformable blister film with superior water vapor and oxygen barrier properties. Standard for OTC, ethical pharmaceuticals, and prescription tablets.
03	Ampules / Glass Vials	USP / EP Type I, Type II & Type III Borosilicate neutral glass; clear and amber glass options.	Sterile injectable containers, liquid antibiotics, lyophilized powder vials, and high-purity infusion solutions. Exceptional chemical durability and thermal shock resistance.
04	Rubber Stoppers	Ultra-pure Chlorobutyl & Bromobutyl elastomeric formulations with low extractables and leachables.	Hermetic sealing for sterile injection vials, lyophilization plugs, and infusion bottles. Excellent resealability, needle penetration, and compatibility with biologicals.
05	Desiccant Foil	Advanced barrier composite film integrated with active molecular sieve / silica desiccant matrix.	Specialized interior moisture scavenging for ultra-sensitive oral solid formulations and diagnostic test strips, eliminating the need for loose desiccant inserts.
06	Silica Gel (Packets & Canisters)	Pharmaceutical-grade amorphous silicon dioxide adsorbent (non-indicating & indicating grades).	Moisture adsorption for bottles, bulk drug storage, and secondary packaging. Compliant with US FDA 21 CFR standards for direct contact with pharmaceutical products.