



Medical Line Card

Supplying the Future of Healthcare

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Our healthcare-grade polymers meet the industry's most stringent regulatory and safety standards, ensuring reliability for critical medical applications. From **FDA compliance** and **UL safety ratings** to **ISO 10993 biocompatibility** and **USP Class VI certification**, our materials are designed to support safe, consistent performance in diagnostic devices, surgical tools, and other patient-facing components.

Medical Packaging & Delivery Systems

From IV bags to blister packs, medical packaging plays a critical role in protecting product integrity and ensuring patient safety. Our portfolio of plastic resins offers excellent barrier properties, clarity, and chemical resistance to meet the demanding needs of sterile and disposable packaging solutions.

- Syringe components
- Diagnostic test kits & sample containers
- IV bags & tubing
- Blister packs & pill packaging

BENEFITS

- ✓ Barrier for moisture, oxygen & contaminants
- ✓ Compatible with sterilization methods (EtO, gamma, steam)
- ✓ Lightweight & durable
- ✓ Processability

Medical Device & Components

Medical devices require precision, durability, and regulatory compliance—and our resins deliver. Whether you're designing inhalers or surgical device housings, we offer a wide range of materials engineered for strength, dimensional stability, and reliable performance.

- Inhalers & injectors
- Measuring meters
- Diagnostic device housings
- Fluid delivery connectors & ports

BENEFITS

- ✓ High impact strength & dimensional stability
- ✓ Chemical resistance
- ✓ Regulatory compliance (FDA, Class VI, ISO 10993)
- ✓ Long-term performance

Surgical & Patient Care Products

For products used at the point of care—from surgical trays to flexible tubing—our plastic solutions support comfort, cleanliness, and safety. We provide materials that meet biocompatibility requirements and withstand common sterilization methods without compromising performance.

- Instrument handles
- Bed pans & wash basins
- Sterilization trays
- Catheters, gloves & gowns

BENEFITS

- ✓ Biocompatibility for patient-sage contact
- ✓ Withstands repeated sterilization without degrading
- ✓ Soft-touch & flexible options
- ✓ Lightweight

Diagnostic & Labware Products

Accuracy and consistency are essential in lab and diagnostic environments. Our plastics are ideal for applications such as pipette tips, vials, and test plates—offering clarity, chemical resistance, and ease of processing for high-volume, precision-molded parts.

- Pipette tips
- Flasks & vials
- Centrifuge tubes
- Test plates

BENEFITS

- ✓ High clarity
- ✓ Low extractables & leachables
- ✓ Chemical resistance to reagents & solvents
- ✓ Stable across wide temperature ranges



A World-Class Supplier Network

Working with us means access to the thousands of quality products in our portfolio. We guarantee quality resins so you can engineer the products that matter to your customers.



Logistics & Supply Chain

With access to warehouses across North America and a dedicated transportation team, we ensure your raw material supply chain is efficient, reliable, and tailored to your needs.



Diverse Technical Expertise

Our industry experts have decades of technical experience and meaningful customer relationships. You can trust our products — and the people that stand behind them.

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Channel Prime Alliance is committed to providing high-quality resin solutions that meet and exceed the ever-changing expectations of the medical industry. Our resins play an integral role within applications such as durable surgical tools, medical packaging, hospital care components to name a few.

Engineered Thermoplastics Portfolio

For high-performance medical applications, our thermoplastics deliver the **strength**, **durability**, and **precision** modern technologies demand while meeting strict regulatory, chemical, and mechanical requirements.

Supplier	Brand	Material Group	Regulatory	Related Applications
BASF	Elastollan®	TPU	FDA, ISO 10993, USP Class VI	Infusion systems, wound coverings, tubing, device handlings & grips
Celanese	Ateva®	EVA	FDA, ISO 10993, USP Class VI	Tubing, mouthguards, bags for nutrition/blood
Celanese	Clarifol®	Cellulosic Film	FDA, ISO 10993, USP Class VI	Tamper-evident labels & seals, pharmaceutical packaging, device components
Celanese	Celanex® MT®, Crastin® & Impet®	PBT	FDA, ISO 10993, USP Class VI	Inhalers, injection pins, drug delivery systems
Celanese	Fortron® MT®	PPS	FDA, ISO 10993, USP Class VI	Surgical instruments, device components
Celanese	Celcon® & MT® Hostaform®	POM	FDA, ISO 10993, USP Class VI	Valve parts, mechanical components and gears in insulin pens & asthma inhalers, surgical instruments
Celanese	Hytrel®	TPC	FDA, ISO 10993, USP Class VI	Surgical gowns, respiratory tubing, advanced wound care, catheter components
Celanese	Vectra® MT®	LCP	FDA, ISO 10993, USP Class VI	Auto-injector pins, connected/wearable devices, surgical stapler cartridges, microelectrical devices
Celanese	Zytel®	PA6, PA66 & PA612	FDA, ISO 10993, USP Class VI	Retractors, bio-pharma clamps, inhaler valves
Delrin	Delrin®	POM	FDA, ISO 10993, USP Class VI	Insulin pens, valves, pumps, syringes, diagnostic equipment
Envalior	Akulon® Care & Novamid® Care	PA6 & PA66	FDA, ISO 10993, USP Class VI	Medical packaging
Envalior	Arnitel® Care	TPC-ET	FDA, ISO 10993, USP Class VI	Surgical gowns, respiratory tubing, advanced wound care, catheters components
Envalior	Arnitel® Care	PET & PBT	FDA, ISO 10993, USP Class VI	Inhalers, injection pins, drug delivery systems
Envalior	ForTii® Care	PA4T PPA	FDA, ISO 10993, USP Class VI	Surgical tools
Lotte	Starex®	ABS	FDA, ISO 10993, USP Class VI	Medical instrument housings, equipment casings, laboratory equipment, disposable syringes, medical device components
Lotte	INFINO®	PC	FDA, ISO 10993, USP Class VI	Medical device housings, connectors, valves, drug delivery devices
LG Chem	LG Chem ABS	ABS	FDA, ISO 10993, USP Class VI	Medical instrument housings, equipment casings, laboratory equipment, disposable syringes, medical device components
NatureWorks	Ingeo®	PLA	N/A	Face masks, wipes, medical fabrics, diapers
Trinseo	MAGNUM™	ABS	FDA, ISO 10993, USP Class VI	Medical instrument housings, equipment casings, laboratory equipment, disposable syringes, medical device components
Westlake	PVC Compounds	PVC Compounds	FDA, ISO 10993, USP Class VI	Medical containers & bottles, blood storage, urology catheters

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Polyolefins Portfolio

Our polyolefin solutions form the foundation of countless high-volume medical products. Our robust lineup provides the materials that power everything from syringes and IV bags to diagnostic trays and blister packs.

These resins offer **dependable performance, excellent processability, and cost efficiency** for disposable and single-use applications. Whether you're seeking **clarity, barrier protection, or flexibility**, our commodity portfolio is built to deliver consistent, high-quality results at scale—backed by reliable supply and expert technical support.

Supplier	Brand	Material Group	Regulatory	Related Applications
Amtsy	AmSty PS	PS	FDA, USP Class VI	Trays, pipettes, roller bottles, pharmaceutical containers
Braskem	Braskem PP & Inspire®	PP	FDA, ISO 10993, USP Class VI	IV components, labware, medical devices
Celanese	GUR®	UHMW-PE	FDA, ISO 10993, USP Class VI	Surgical tool components, protective wear, medical packaging & handling
ExxonMobil	ExxonMobil EVA	EVA	FDA	Medical bags, medical tubing, pharmaceutical excipients
ExxonMobil	ExxonMobil HDPE	HDPE	FDA	Medical film, caps & closures, vials, beakers, housings & covers, bottles
ExxonMobil	ExxonMobil LDPE	LDPE	FDA	IV bags, sterile barrier packaging, lids, films, liners
ExxonMobil	ExxonMobil LLDPE	LLDPE	FDA	IV bags, sterile barrier packaging, lids, films, liners
ExxonMobil	ExxonMobil PP & Achieve Advanced™	PP	FDA, ISO 10993, USP Class VI	Medical supplies, pharmacy, nonwovens
ExxonMobil	Exact™	POE	FDA, ISO 10993, USP Class VI	Medical supplies, pharmacy, nonwovens, furniture, mouth guards, tubing
ExxonMobil	Vistamaxx™	POE	FDA, ISO 10993, USP Class VI	Medical supplies, pharmacy, nonwovens, furniture, mouth guards, tubing
Ineos	Ineos PP	PP	FDA, ISO 10993, USP Class VI	Medical supplies, pharmacy, nonwovens



We also offer medical grade plastics that are:

- ✓ BPA-free
- ✓ Sterilization compatible
- ✓ Chemical resistant
- ✓ Sustainable

We work with you to help comply with the following regulations:


Substance Management Lists


USP Class VI End Use Compliance


ISCC Certified

Channel Prime Alliance: Resins. Reliability. Results.™



At Channel Prime Alliance, we're here to make resin distribution seamless. Our team offers resourceful solutions, dependable service, and a personalized approach that takes your projects further, every step of the way. With a diverse product line, strong technical support, and a commitment to reliability, we're more than a distributor— we're your partner for success across the Americas.

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