



**Westlake**  
Global Compounds™

**PVC COMPOUNDS**  
FOR  
HEALTHCARE

**nakan**  
Healthcare

# Enhancing your life every day®

## Who we are

At Westlake Global Compounds, we have a passion for working to exceed our customer needs through superior technology, product quality and operating excellence.

Westlake Global Compounds is a global compounding business with facilities worldwide in China, France, Germany, Italy, Mexico, Spain, the United States and Vietnam; as well as a stabilizer plant in Japan and a world-class research facility in France and 8 application laboratories.

Our determination to seek solutions that enhance daily life and provide options to sustainability-minded customers has driven us to be a leading integrated compound company.

Our local teams combine personal attention with the expertise, geographical footprint and financial resources of a global leader – all to benefit you, our customers.

**+ 50**

YEARS IN BUSINESS

**+ 10**

FACILITIES/PLANTS GLOBALLY

**+ 1000**

EMPLOYEES & GROWING

**+ 3000**

PRODUCTS ENGINEERED & COUNTING



# TECHNICAL SERVICES & CAPABILITIES

## WGC is committed to:



QUALITY



INNOVATION



CUSTOMER SERVICE



SUSTAINABILITY

## Service Overview

	<h3>Research &amp; Development</h3> <p>Our team of experts is here to develop new products, integrate new technologies or add properties to an existing product.</p>

	<h3>Customer Satisfaction</h3> <p>Our sales department will grant a quick response to your requests and pre and post sales assistance in order to help fulfill your needs.</p>

	<h3>Technical Support</h3> <p>Our experienced support team will assist you with running new products, troubleshooting issues with production and optimizing your product's processes.</p>

<h3>Our Research &amp; Development Team Can Help With:</h3>	<h4>DEVELOPING NEW PRODUCTS</h4> <p>Whether you're looking for a new product or developing a new application, our team will work with you to produce new compounds from scope definition through regulatory testing and final approval.</p>	<h4>INTEGRATING NEW TECHNOLOGY</h4> <p>Work toward your operational goals and strategies by integrating new technologies into your business. Our team will work alongside you to integrate new products and troubleshoot along the way.</p>	<h4>VALIDATION</h4> <p>During your validation phase, we'll work with you to ensure seamless integration of our new compounds into your products, including lab testing and manufacturing testing.</p>

	<h3>Quality Control</h3> <p>Our dedicated quality team provides the compound compliance with technical specifications and testing process, ensuring the highest level of quality for our products.</p>

## Technical Support Team



Our team of experts is here to develop new products, integrate new technologies or add properties to an existing product.

### Our Technical Support Team Can Help With:

#### LAB SITE TESTING

Our research and product development labs are located across the globe to support customers' development and industry needs. Each provides a variety of testing capabilities from physical and analytical testing to characterization.

#### TECHNICAL KNOWLEDGE & TRAINING

As experts in healthcare applications, we can provide the technical knowledge to find solutions. We also provide onsite training for processing and testing.

#### REGULATORY NEEDS

The knowledge and skills of our product sustaining team give us the ability to navigate regulatory needs and assist in expediting the process.

ISO 9001:2015

ISO 13485:2016

### Certifications

ECOVDIS 2023:  
**SILVER**  
SUSTAINABILITY RATING

## Why Westlake Global Compounds ?



#### EXPANSIVE TECHNICAL KNOWLEDGE

With over 100 years of combined experience, our expert teams provide deep technical knowledge to deliver the right products for your applications.



#### CROSS-INDUSTRY EXPERIENCE

Our team has gained long-standing experience, so we can help with any need across a wide range of applications and markets.



#### LAB & THIRD-PARTY RESOURCES

Whether it's our internal lab or through partner resources, we offer expansive assets to deliver what you need.



#### GLOBAL CAPABILITIES

Spanning America, Asia and Europe, we have global reach and expertise.

REACH COMPLIANT

RoHS



Not Manufactured using di(2-ethylhexyl)phthalate as ingredient



Not Manufactured using Natural Rubber Latex as ingredient



Not Manufactured using Bisphenol A as ingredient

### Compliance

## Our Type of Product Compounds

Westlake Global Compounds encompasses a diverse array of products that enhance our daily lives, providing the building blocks for products that shape how we communicate, consume, travel and access medical services.

Our products embody the fervor with which we dedicate ourselves to formulating and engineering the most **essential** solutions imaginable.

With over **50 years of experience** as a publicly traded PVC compounds provider, we are committed to delivering a comprehensive selection of products.

**Our products for medical packaging, therapies and treatments will support the future of the biomedical market.** Our medical compounds products are used in renal tubing, renal dialysis kits, infusion & perfusion tubing, infusion & perfusion IV accessories, respiratory tubing, respiratory masks, biotech reproduction cannulas, medical containers & bottles, blood storage, and urology catheters.

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Healthcare

## Local & Global Footprint

Our vertical integration allows us to develop new PVC compounds while having access to the innovative products and resources of Westlake Corporation.

Our global presence with regional technical assistance is dedicated to support customers by combining personal attention with the expertise and geographical footprint of a global organization.

This approach facilitates site-to-site transfer (Formula – Process – QMS).



## Quality & Safety

Safety is one of our priorities. Our secure system follows our risk management plan that is based on UNI ISO 13485 and UNI EN ISO 9001 certifications.

We constantly monitor all incoming and outgoing products through inspections of raw materials and through chemical and biocompatibility testing on finished goods.

Furthermore, we apply a process based on an ABC shell system that prevents any risk of cross contamination.



## Regulatory

Regulatory compliance is the process of complying with applicable laws, regulations, policies and procedures, standards and the other rules issued by authorities and notified bodies.

Regulatory mandates can be different not only by industry but often by location. Our technical team provides dedicated solutions to supply products in compliance with all applicable norms and laws, while fulfilling customer requirements.



### Infusion & Perfusion

Infusion & perfusion treatments, critical drugs applications and pain treatment, need dedicated raw materials. Our knowledge on different kind of chemical, mechanical and physical properties permits us to achieve the highest quality performance standards. We offer a wide portfolio of rigid and flexible PVC suitable for the production of devices related to infusion tubing, peristaltic pumps, drip chamber, bags & bottles, enteral and parenteral nutrition, infusion and perfusion IV accessories for intravenous (IV) bags, IV tubing, ITV catheters, IV connectors, IV filters, IV pumps, IV syringes, IV needles, IV stopcocks, IV infusion pumps, IV clamps and IV dressings.



### Respiratory Solutions & Therapies

We offer a wide range of materials with different characteristics. Suppose you are looking for a complete portfolio of innovative and standard PVC compounds designed to produce oxygen masks, spiral tubing, connectors, filter cases and fittings that can be used for emergency treatments, surgery operations, and hospital & home care. We are equipped to fulfill these requirements and product specifications.



### Wound Drainage Systems

The drainage technique uses various types of catheters that drain fluids in bottles, where the exudate is accumulated and removed or sampled. If you need PVC suction kits, high-pressure drainage kits or suction systems, our team will gladly discuss them with you.



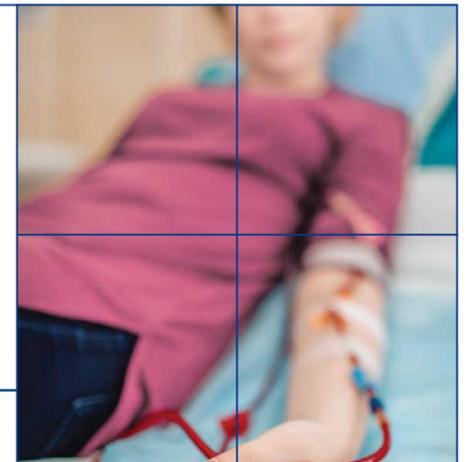
### Biotech Reproduction Cannulas

Our biotech reproduction product line is specifically designed for this market, which has particular requirements and needs. Starting from dedicated raw material selection, passing through a 'no cross contamination production process', arriving to customized color nuances: this product line can fulfill requirements for the production of devices for artificial insemination applications.



### Blood Contact

Disposable blood bags are sterile, clear plastic devices employed to efficiently manage blood cells or plasma collection. Our high-quality PVC allows the production of blood storage items compatible with blood collection, blood storage, blood transportation and blood processing.



### Renal Therapy

With more than 20 years of development and manufacturing, our know-how and experience can make a difference in renal therapy applications. We can offer you a wide portfolio of different PVC grades/shores/colors to produce tubing to meet the demands of devices such as renal tubing, peristaltic pumps tubing, bloodline tubings, bloodlines, blood bags, dialyzers, arterial flow chambers, luer lock, and other fittings.



### Catheters

A catheter is a flexible tube that collects body fluids in a drainage bag. Our catheter-related PVC compounds are commonly used for Foley catheters, male external catheters and female external catheters.



PRODUCT REFERENCE	PRODUCT DESCRIPTION	COMPLIANCE WITH	POLYMER TYPE	MARKET & SOLUTIONS
FEA 692 N N	Flexible, vinyl based extrusion compound, designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy, Catheters
FEA 698 N N	Flexible, vinyl based extrusion compound, designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy, Catheters.
FEA 748 N N	Flexible, vinyl based extrusion compound, designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy, Catheters.
FEA 752 N N	Flexible, vinyl based extrusion compound, designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy, Catheters.
FEA 798 N N	Flexible, vinyl based extrusion compound, designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation)..	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy, Catheters.
FEA 802 N N	Flexible, vinyl based extrusion compound, designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy, Catheters.
FMA 822 N N	Flexible, vinyl based extrusion compound designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
FMA 828 N N	Flexible, vinyl based extrusion compound designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
FMA 872 N N	Flexible, vinyl based extrusion compound designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
FMA 878 N N	Flexible, vinyl based extrusion compound designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
FMA 902 N N	Flexible, vinyl based extrusion compound designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
FMA 908 N N	Flexible, vinyl based extrusion compound designed for healthcare applications. Do not intentionally contain phthalates relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Flexible	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
RET 412 N T01 US	Rigid, vinyl based injection/blow molding compound designed for healthcare applications. Do not intentionally contain DOTE relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Rigid	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.
RMA 405 N T01	Rigid, vinyl based injection/blow molding compound designed for healthcare applications. Do not intentionally contain DOTE relevant to MDR (Medical Device Regulation).	USP Class VI, RoHS, ISO 10993, SVHC, POP, REACH, FDA 21 CFR part 820	Rigid	Blood Contact, Renal Therapy, Infusion & Perfusion, Respiratory Solutions & Therapy.



# Westlake

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Local. Global. Westlake.



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Westlake Global Compounds does not warrant or guarantee any typical (or other) values. Typical values are only values, which are expected, if the properties of our products are tested with our equipment, using our test methods at a specific point in time. A few product properties are not regularly tested and as a result the typical values are not always based on a statistically relevant number of tests. The quality inspection is carried out on a number of representative samples and not on the actual delivered product.  
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