CHENVIX
DONGGUAN CHENVIX TECHNOLOGY CO., LTD.
东莞市辰希科技有限公司

VERSION 2026



Company Profile

ADVANCED SOFT-TOUCH MATERIALS & INJECTION MOLDING

Contact
Cell: + 86 13538464567
WhatsApp: +852 6949 0947
www.chenvix.com
Email: nick@chenvix.com
Email: gabby@chenvix.com

CHENVIX

CHENVIX

Contents

EXECUTIVE SUMMARY 02

PRECISION INJECTION MOLDING SOLUTIONS 03

SKINTOUCH MATERIAL INNOVATION 04

WHY SKINTOUCH 05

COMPARISON 06

SKINTOUCH VS OTHERS 07

SKINTOUCH PRODUCTS 08

SKINTOUCH PRODUCTS I 09

SKINTOUCH PRODUCTS II 10

SKINTOUCH CAPABILITY 11

INJECTION MOLDING MANUFACTURER 12

INJECTION FACILITY 13

OUR MANUFACTURING CAPABILITIES 14

RAW MATERIAL SELECTION 15

END-TO-END MANUFACTURING SUPPORT 16

INJECTION MOLDING SOLUTIONS 17

ADVANCED OVERMOLDING 18

WHY US 19

QUALITY ASSURANCE 20

Executive Summary

VISION

To make innovative materials and manufacturing solutions accessible to every great product idea.

MISSION

We help brands bring better products to market through innovative materials, reliable manufacturing, and end-to-end supply chain solutions.

INNOVATION

We continuously develop new materials and manufacturing solutions to help customers stay ahead in competitive markets.

QUALITY FIRST

Every product is manufactured under strict quality standards to ensure consistency, reliability, and long-term performance.

CUSTOMER SUCCESS

Our success is measured by the success of our customers. We focus on building long-term partnerships rather than one-time transactions.

ENGINEERING EXCELLENCE

We combine material science, design optimization, and manufacturing expertise to transform ideas into market-ready products.

RELIABILITY

From prototyping to global delivery, customers can rely on us for transparent communication, dependable lead times, and consistent execution.

SUSTAINABLE GROWTH

We seek sustainable solutions that improve efficiency, reduce waste, and create lasting value for customers, employees, and communities.

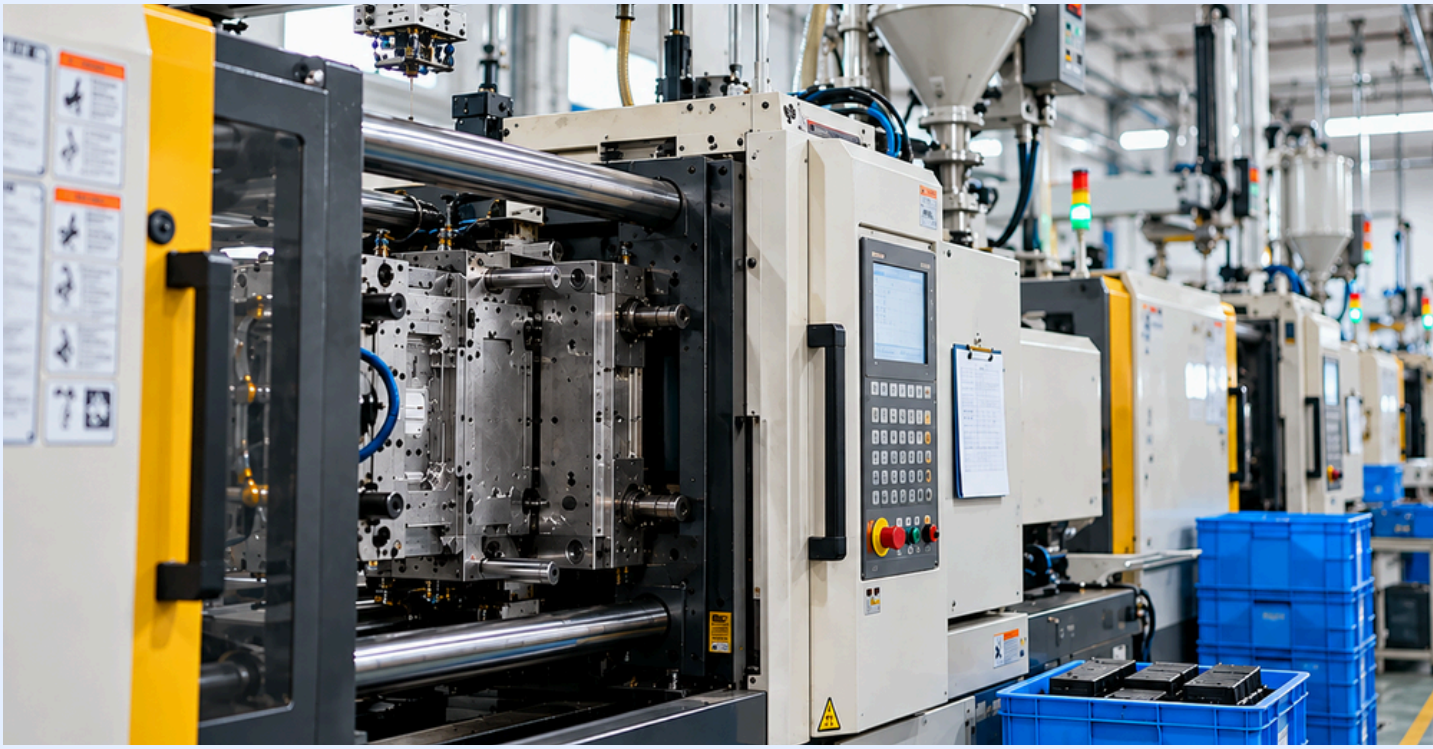
Precision Injection Molding Solutions

CHENVIX

From concept to production, CHENVIX delivers high-quality injection molding solutions for consumer products, medical devices, industrial components, and custom applications. Equipped with advanced molding technology and experienced engineering support, we help customers optimize product design, improve manufacturability, and achieve consistent production quality at scale.

Key Capabilities

- Custom Injection Molding
- Multi-Cavity Tooling
- Insert & Overmolding
- Engineering Support & DFM Analysis
- Assembly & Packaging
- Global Supply Chain Support



SkinTouch Material Innovation

Next-Generation Soft-Touch Elastomer Developed for Premium Product Experiences

SkinTouch is an exclusive material platform co-developed by CHENVIX and our material engineering partners to address the growing demand for premium tactile experiences in modern products.

Designed to combine exceptional softness, durability, and manufacturing efficiency, SkinTouch delivers a unique balance between comfort, performance, and aesthetics. The material offers a silky, skin-friendly touch while maintaining excellent resistance to wear, dirt pickup, and environmental exposure.

Unlike traditional elastomers, SkinTouch is engineered to support efficient thermoplastic processing, making it suitable for high-volume production across a wide range of industries.

Today, SkinTouch is being evaluated and adopted for wearable devices, consumer electronics, medical products, baby products, pet accessories, and ergonomic industrial applications.



Why SkinTouch

Engineered for Superior Touch, Performance, and Manufacturing Efficiency

SkinTouch was developed to deliver a premium user experience while maintaining the performance and processing advantages required by modern manufacturing.

By combining advanced material engineering with practical production requirements, SkinTouch provides an ideal balance of comfort, durability, appearance, and efficiency.

SKINTOUCH KEY FEATURES

SOFT & COMFORTABLE TOUCH	PREMIUM MATTE APPEARANCE	LOW DIRT PICKUP	EXCELLENT DURABILITY
Provides a silky, skin-friendly feel that enhances the user experience.	Creates a sophisticated, high-end finish with reduced gloss and fingerprint visibility.	Resists dust, lint, and everyday contaminants better than many conventional elastomers.	Maintains its appearance and performance under repeated use and daily wear.

ADDITIONAL KEY FEATURES

SCRATCH RESISTANCE	CHEMICAL RESISTANCE	OVERMOLDING COMPATIBILITY	EFFICIENT PRODUCTION
Designed to withstand surface abrasion and maintain a premium look over time.	Performs reliably when exposed to common household and personal care products.	Suitable for overmolding applications on rigid plastic substrates.	Supports thermoplastic processing for scalable and cost-effective production.

Comparison

SkinTouch combines the best characteristics of premium elastomers and thermoplastics into a single material solution. From superior touch comfort and refined aesthetics to efficient processing and cost advantages, it delivers a balanced performance profile that helps brands create better products with greater flexibility.

SKIN-FRIENDLY COMFORT	OUTDOOR DURABILITY	CLEAN SURFACE	SCRATCH RESISTANCE	EASY PROCESSING	CHEMICAL STABILITY
Soft, smooth, and comfortable touch.	Excellent UV and weather resistance.	Reduced dust, oil, and fingerprint buildup.	Maintains appearance through daily use.	Compatible with standard molding processes.	Resistant to chemicals and environmental exposure.

Prop...	SkinTouch	TPU	Dupont TPSiV	Silicone	Fluoroelastomer	TPE	PVC
Soft-Touch Feel	★★★★★	★★★☆☆	★★★★★	★★★★★	★★★★☆	★★★☆☆	★★☆☆
Skin Comfort	★★★★★	★★★☆☆	★★★★★	★★★★☆	★★★☆☆	★★☆☆☆	☆☆☆☆
Dust Resistance	★★★★★	★★★☆☆	★★★★★	★★☆☆☆	★★★★★	★★☆☆☆	★★★☆
Scratch Resistance	★★★★★	★★★★★	★★★★☆	★★☆☆☆	★★★★★	★★★☆☆	★★★☆
Chemical Resistance	★★★★★	★★★★☆	★★★★☆	★★★★★	★★★★★	★★★☆☆	★★☆☆
UV & Weather Resistance	★★★★★	★★★☆☆	★★★★☆	★★★★★	★★★★★	★★☆☆☆	★★☆☆
Colorability	★★★★★	★★★★★	★★★★☆	★★★☆☆	★★★★★	★★★★★	☆☆☆☆
Injection Molding Efficiency	★★★★★	★★★★★	★★★★☆	★☆☆☆☆	★★☆☆☆	★★★★★	★★★★
Overmolding Capability	★★★★★	★★★★☆	★★★★★	★★☆☆☆	★★★☆☆	★★★★☆	★★★☆
Recyclability	★★★★★	★★★★☆	★★★★☆	★☆☆☆☆	★☆☆☆☆	★★★★☆	★★☆☆
Relative Cost	★★★☆☆	★★☆☆☆	★★★★★	★★☆☆☆	★★★★★	★★☆☆☆	★☆☆☆

SkinTouch VS Others

CHENVIX

VERSUS TPU

Softer feel, more refined visual and tactile experience

- Softer and warmer touch sensation
- Better skin-contact experience
- Lower gloss appearance for premium products
- Reduced stickiness and fingerprint visibility

VERSUS DUPONT TPSIV

Comparable premium feel with greater flexibility and cost efficiency

- Similar premium soft-touch experience
- Comparable scratch and wear resistance
- More flexible customization options
- Better cost-performance ratio

VERSUS SILICONE

Thermoplastic efficiency with enhanced production flexibility

- Thermoplastic processing capability
- Faster cycle times
- Easier coloring and decoration
- Lower manufacturing complexity

VERSUS FLUOROELASTOMER

Lighter, softer, and more consumer-friendly aesthetics

- Softer hand feel
- Better aesthetics for consumer products
- Lower material and processing costs
- Ideal for wearable and handheld applications

SkinTouch Products



WEARABLE DEVICES

Long-lasting comfort for all-day skin contact with a premium silky touch and excellent sweat resistance.



CONSUMER ELECTRONICS

Provides a soft premium feel while reducing fingerprints, scratches, and surface wear.



SPORTS & OUTDOOR EQUIPMENT

Combines durability, weather resistance, and a comfortable grip in demanding environments.



BABY & JUVENILE PRODUCTS

Safe, soft, and easy to clean, making it ideal for products frequently touched by babies and parents.



PERSONAL CARE & BEAUTY

Enhances user comfort with a smooth touch while improving grip and product appearance.



HOME & LIFESTYLE PRODUCTS

Adds a premium tactile experience while improving durability and stain resistance.

MORE FITS PRODUCT RANGES

ELECTRONICS	BABY CARE	OUTDOOR SPORTS	HOME & LIFESTYLE
SMART WATCH STRAPS	ELECTRONIC ACCESSORIES	PERFORMANCE PRODUCTS	FEEDING PRODUCTS
WEARABLE ACCESSORIES	PHONE CASES	SPORTS WATCH BANDS	BEAUTY AND WELLNESS
MEDICAL WEARABLE STRAPS	BABY CARE PRODUCTS	OUTDOOR DEVICE COVERS	EVERYDAY CARRY

SkinTouch Products I

SMART WATCH STRAPS SERIES



PREMIUM COMFORT FOR ALL-DAY WEAR

Traditional TPU and TPE watch straps often become sticky over time, attract dust, and may cause discomfort during extended skin contact. Silicone straps provide excellent softness but can be more expensive and less efficient to process.
Chenvix SkinTouch bridges the gap between silicone comfort and thermoplastic manufacturing efficiency.

KEY BENEFITS

- Silky Soft Skin Contact – Delivers a premium, smooth touch that remains comfortable throughout the day.
- Low-Tack Surface – Reduces the sticky feeling commonly associated with conventional TPE and TPU materials.
- Anti-Fingerprint & Easy Maintenance – Keeps straps cleaner with less visible oil, sweat, and fingerprints.
- Excellent Wear Resistance – Maintains appearance and touch after repeated daily use.
- UV & Weather Resistant – Helps prevent discoloration and surface degradation from outdoor exposure.
- Injection Moldable – Enables efficient mass production with consistent quality and design flexibility.

PROBLEMS SOLVED

✓ Sticky surface after long-term use
✓ Visible fingerprints and skin oils
✓ Hard or uncomfortable touch during extended wear
✓ Surface aging caused by sunlight and outdoor exposure
✓ High manufacturing costs associated with FKM alternatives

SkinTouch Products II

CONSUMER ELECTRONICS



PREMIUM PROTECTION WITH A REFINED SOFT-TOUCH EXPERIENCE

Many phone case materials force users to choose between appearance and functionality. TPU cases can become glossy, oily, and attract fingerprints over time, while silicone cases often collect dust and may be more costly to manufacture. Chenvix SkinTouch provides a premium tactile experience while maintaining durability and manufacturing efficiency.

KEY BENEFITS

- Luxurious Soft-Touch Finish – Creates a smooth, skin-friendly feel similar to premium silicone surfaces.
- Reduced Fingerprint Visibility – Keeps the case looking cleaner and newer for longer.
- Scratch & Abrasion Resistance – Helps maintain a premium appearance during daily use.
- Low Gloss, Premium Appearance – Delivers a sophisticated matte finish favored by premium consumer electronics brands.
- Comfortable Grip – Improves handling without becoming overly sticky.
- Long-Term Durability – Resists wear, weathering, and surface degradation.

PROBLEMS SOLVED

✓ Fingerprints and oily marks on the surface
✓ Glossy appearance after prolonged use
✓ Dust attraction commonly found in silicone products
✓ Surface scratches and premature wear
✓ Poor grip caused by hard plastic materials
✓ Balancing premium feel with manufacturing cost efficiency

SkinTouch CAPABILITY

MULTI-MATERIAL BONDING CAPABILITY



COMBINING SOFT-TOUCH COMFORT WITH STRUCTURAL PERFORMANCE

Traditional silicone materials cannot be directly bonded to many engineering plastics during the injection molding process. As a result, manufacturers often rely on secondary assembly, adhesives, or complex production steps, increasing both cost and production time.
Chenvix SkinTouch is engineered for multi-material overmolding, enabling direct bonding with selected thermoplastics in a single manufacturing process.

SEAMLESS MATERIAL INTEGRATION

- Direct bonding with compatible thermoplastics
- Supports two-shot and overmolding processes
- Can reduce the need for adhesives and secondary assembly.
- Improves product durability and reliability
- Combines rigid structure with soft-touch comfort
- Greater design flexibility and premium aesthetics

Injection Molding Manufacturer



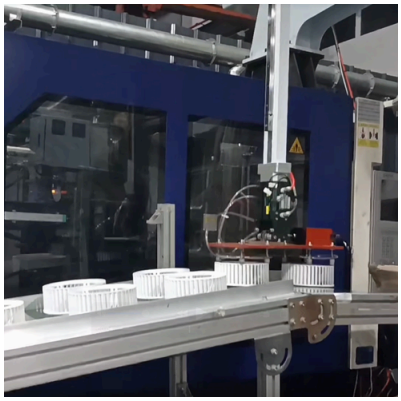
MORE FITS ELECTRONIC SERIES

- Experienced engineers optimize structure, manufacturability, and performance from the early design stage.
- Advanced CNC, EDM, and precision injection systems ensure tight tolerances and consistent quality for complex parts.
- From product design and prototyping to tooling and mass production — everything under one roof for faster project execution.
- Strict process control, testing, surface finishing, and pre-assembly ensure products meet customer specifications.

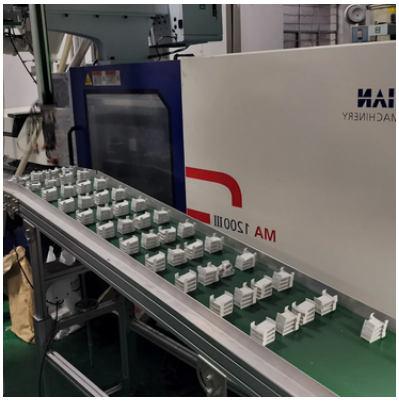
Injection Facility



INJECTION MOLDING



AUTOMATED HANDLING



PRODUCTION FLOW



ASSEMBLY PROCESS



QUALITY INSPECTION

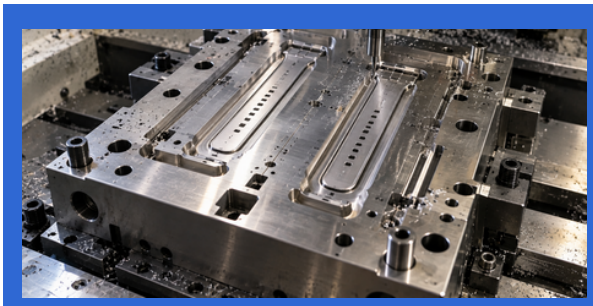


FINAL PACKAGING

FINAL PRODUCT ASSEMBLY



Our Manufacturing Capabilities



INJECTION MOLDING

Injection molding services that meet your stringent quality standards and FDA requirements, transforming your designs into high-quality, cost-effective molded parts with fast turnaround times.



OVERMOLDING

Our overmolding process combines multiple materials into a single component, enhancing grip, durability, and appearance. Ideal for soft-touch surfaces, protective housings, and high-performance multi-material products.



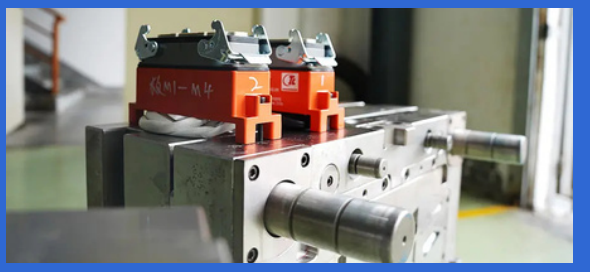
INSERT MOLDING

Insert molding integrates metal or other components directly into plastic parts, improving strength, reliability, and assembly efficiency. Ideal for electrical connectors, automotive components, and industrial applications.



TWO SHOT MOLDING

Our overmolding process bonds multiple materials into a single part, improving grip, durability, and aesthetics. Ideal for soft-touch handles, protective casings, and multi-material products.



INJECTION MOLD MANUFACTURING

Chenvix molds deliver high-precision, repeatable tooling with fast turnaround and low setup cost, suitable for a wide range of materials and applications.



RAPID TOOLING

Provide aluminum and steel rapid tooling based on customer requirements, enabling fast and cost-efficient mold development with part delivery in 2–5 weeks.

Raw Material Selection

SKINTOUCH PROPRIETARY MATERIAL SYSTEM

EXCLUSIVE SOFT-TOUCH MATERIAL INNOVATION DEVELOPED IN-HOUSE

Chenvix SkinTouch is our independently developed material system designed for premium soft-touch applications. It combines skin-friendly comfort, stable mechanical performance, and long-term durability,

RIGID PLASTIC INJECTION MOLDING

PRECISION ENGINEERING FOR STRUCTURAL COMPONENTS

We manufacture high-precision rigid plastic parts using materials such as ABS, PP, PC, and Nylon. With stable process control and advanced tooling capability, we ensure dimensional accuracy, mechanical strength, and consistent performance for industrial and consumer applications.

SOFT & ELASTOMER INJECTION MOLDING

FLEXIBLE MATERIALS FOR ENHANCED PRODUCT EXPERIENCE

We specialize in elastomer-based injection molding using materials such as TPE, TPU, and TPV. These materials require precise control of temperature, pressure, and mold design to achieve stable processing and high-quality surface performance.

CUSTOM MATERIAL FORMULATION

DEVELOPED TO MEET UNIQUE PRODUCT REQUIREMENTS

Developed to meet unique product requirements, our custom engineered materials can be tailored for specific hardness, flexibility, durability, texture, color, and performance needs. Whether you need enhanced grip, improved wear resistance, special chemical properties, or a unique tactile feel

End-to-End Manufacturing Support

Comprehensive solutions covering product development, tooling, production, quality management, and global fulfillment.

PRECISION INJECTION MOLDING SERVICE

We specialize in high-precision injection molding for both rigid plastics and advanced elastomer materials. From complex geometries to large-scale production, our processes ensure dimensional accuracy, stable quality, and efficient manufacturing performance.

CUSTOM TOOLING & MOLD ENGINEERING

Our in-house tooling capabilities support complex product development with precision-engineered molds designed for durability, stability, and optimized production efficiency. We ensure tooling accuracy from prototype validation to mass production readiness.

PRODUCT DEVELOPMENT & ENGINEERING SUPPORT

From concept development to functional prototyping, our engineering team collaborates closely with customers to optimize product structure, improve manufacturability, and reduce production risks at early design stages.

INTEGRATED SUPPLY CHAIN MANAGEMENT

We provide reliable sourcing, production scheduling, warehousing, and global logistics coordination. Our integrated supply chain system ensures stable lead times and on-time delivery for international OEM projects.

SURFACE FINISHING & VALUE-ADDED SERVICES

We offer comprehensive post-processing services including surface treatment, painting, assembly, labeling, and packaging. Every product is carefully finished to meet functional requirements and market-ready standards.

QUALITY CONTROL & PRODUCTION ASSURANCE

From engineering design to final delivery, we provide fully integrated manufacturing solutions built for precision, scalability, and consistent global quality.

Injection Molding Solutions



CONSUMER ELECTRONICS COMPONENTS

Plastic parts for electronic products
Hard plastic (ABS / PC) + soft-touch parts available



WEARABLE & PERSONAL ACCESSORIES

Daily wear and skin-contact products
Soft + hard overmolding available (TPE / TPU + ABS/PC)



AUTOMOTIVE INTERIOR PARTS

Functional & decorative car components
Texture finishing + multi-material molding supported



INDUSTRIAL & FUNCTIONAL COMPONENTS

Engineering plastic parts for equipment
High-strength engineering plastics (PA / ABS / POM)



MEDICAL & HEALTHCARE COMPONENTS

Precision molded plastic parts
Clean production + stable dimensional control



BABY, HOME & LIFESTYLE PRODUCTS

Consumer daily-use molded products
Safe materials + ergonomic design + soft-touch options

FULL RANGE INJECTION MOLDING PRODUCT LINES

CONSUMER ELECTRONICS PRODUCTS	WEARABLE & SOFT-TOUCH PRODUCTS	INDUSTRIAL COMPONENTS	HOME, BABY & LIFESTYLE PRODUCTS
PHONE CASES & PROTECTIVE COVERS	WATCH STRAPS & FITNESS BANDS	AUTOMOTIVE INTERIOR TRIMS & PANELS	BABY PRODUCT COMPONENTS
EARBUD / CHARGING CASE HOUSINGS	WEARABLE DEVICE SOFT HOUSINGS	CONTROL BUTTONS, KNOBS & SWITCHES	KITCHEN & HOUSEHOLD ACCESSORIES
SMART DEVICE & TABLET ENCLOSURES	SOFT GRIPS & CONNECTOR PARTS	INDUSTRIAL EQUIPMENT HOUSINGS & COVERS	PERSONAL CARE & LIFESTYLE PRODUCT

Advanced Overmolding

Combining Rigid Structures with Soft-Touch Performance

Traditional soft-touch materials often struggle to bond reliably with rigid plastics such as PC and ABS. Silicone typically requires additional surface treatment or adhesives, while some TPU materials may experience oil migration or surface exudation over time. CHENVIX SkinTouch enables direct overmolding with selected compatible thermoplastics, delivering reliable bonding, stable surface performance, and more efficient manufacturing.

OVERMOLDING TECHNOLOGY

- Soft material over rigid plastic substrates.
- Direct bonding with selected compatible thermoplastics.
- Improved grip, comfort, and product aesthetics.
- Reduced secondary assembly requirements.

TWO-SHOT MOLDING

- Two materials molded within one integrated production cycle.
- Consistent material integration.
- Flexible product design and color combinations.
- Suitable for complex multi-material components.

TYPICAL APPLICATIONS

- Consumer electronics housings
- Automotive interior components
- Ergonomic handles and grips
- Wearable device accessories

Not Just Soft-Touch. A Better Way to Bond Soft and Rigid Materials.

Why Us
Capability Advantage

Precision Injection Molding with Stable Quality & Scalable Production

We provide full-process injection molding solutions from tooling design to mass production, covering both rigid plastics and soft-touch overmolding.

01. FULL IN-HOUSE MANUFACTURING CONTROL

From tooling design to injection molding production, ensuring stable quality and faster lead time.

02. HARD & SOFT MATERIAL CAPABILITY

Support ABS, PC, PP, PA, TPE, TPU and multi-material overmolding for functional + soft-touch products.

03. PRECISION & CONSISTENT QUALITY

Strict process control ensures dimensional accuracy, surface quality, and batch-to-batch consistency.

04. MULTI-MATERIAL & OVERMOLDING EXPERTISE

Capability to combine rigid + soft materials in one molded part for premium product design.

05. SCALABLE PRODUCTION CAPACITY

From prototype to mass production, supporting fast scaling for global brands.

06. SURFACE FINISH & CUSTOMIZATION

Multiple textures, colors, and finishes including matte, soft-touch, and premium cosmetic surfaces.

Supporting OEM / ODM clients in consumer electronics, automotive, and lifestyle industries with reliable production and engineering support.

Quality Assurance & Precision Manufacturing

Consistent Quality. Reliable Performance. Every Production Run.

01. INCOMING MATERIAL INSPECTION

Material verification and incoming quality checks

02. IN-PROCESS QUALITY CONTROL

Process monitoring and production consistency

03. DIMENSIONAL INSPECTION

Precision measurement and dimensional verification

04. FINAL QUALITY INSPECTION

Appearance, functionality, and packaging inspection

1 **RAW MATERIAL INSPECTION**
Verify incoming material specifications.

2 **MOLD & PROCESS VALIDATION**
Check tooling conditions and molding parameters.

3 **IN-PROCESS INSPECTION**
Monitor product dimensions and appearance.

4 **FINAL QUALITY INSPECTION**
Verify product specifications before shipment.

5 **PACKAGING & SHIPMENT**
Ensure proper packaging and delivery preparation.

Get In Touch

We are committed to making your products better through innovative materials, better technology, and reliable solutions.

2702-03, T2 GUOMAO
DONGCHENG, DONGGUAN, CHINA

NICK@CHENVIX.COM

WWW.CHENVIX.COM

+86 13538464567