



# JSD Pharma Group

Brand Positioning &  
Corporate Website  
Transformation

Case Study



# Client Background

JSD is a global pharmaceutical packaging manufacturer with a strong operational and technological presence across China and the United States. The company specializes in high-performance packaging components, including proprietary solutions such as JSD Cap® and JSD 131 Elastomer.

As JSD expanded its global footprint and engaged with international B2B partners, it required a digital platform that could accurately communicate its innovation capabilities, manufacturing scale, and technical expertise.

# The Challenge

JSD's existing website presented several limitations:

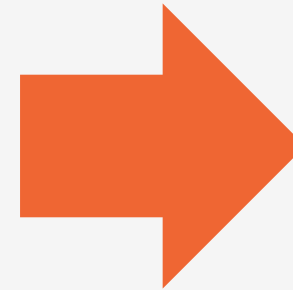
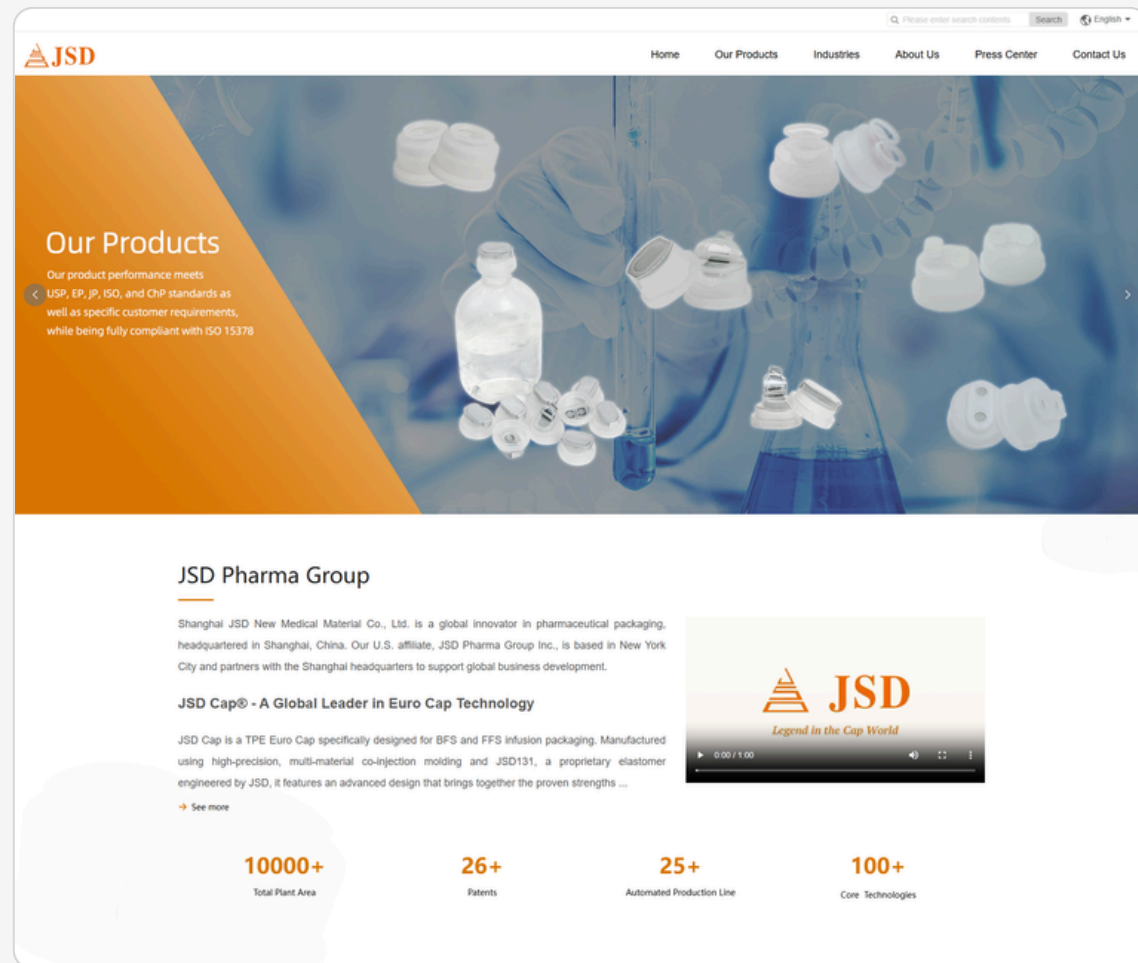
- The platform did not reflect the company's high-tech positioning or global scale
- Core products and innovations lacked clear differentiation and visibility
- Technical information was not structured effectively for B2B decision-making
- Smart factory capabilities (AI, automation, robotics) were not adequately communicated
- Overall experience lacked the clarity and credibility required for international markets

# The Solution

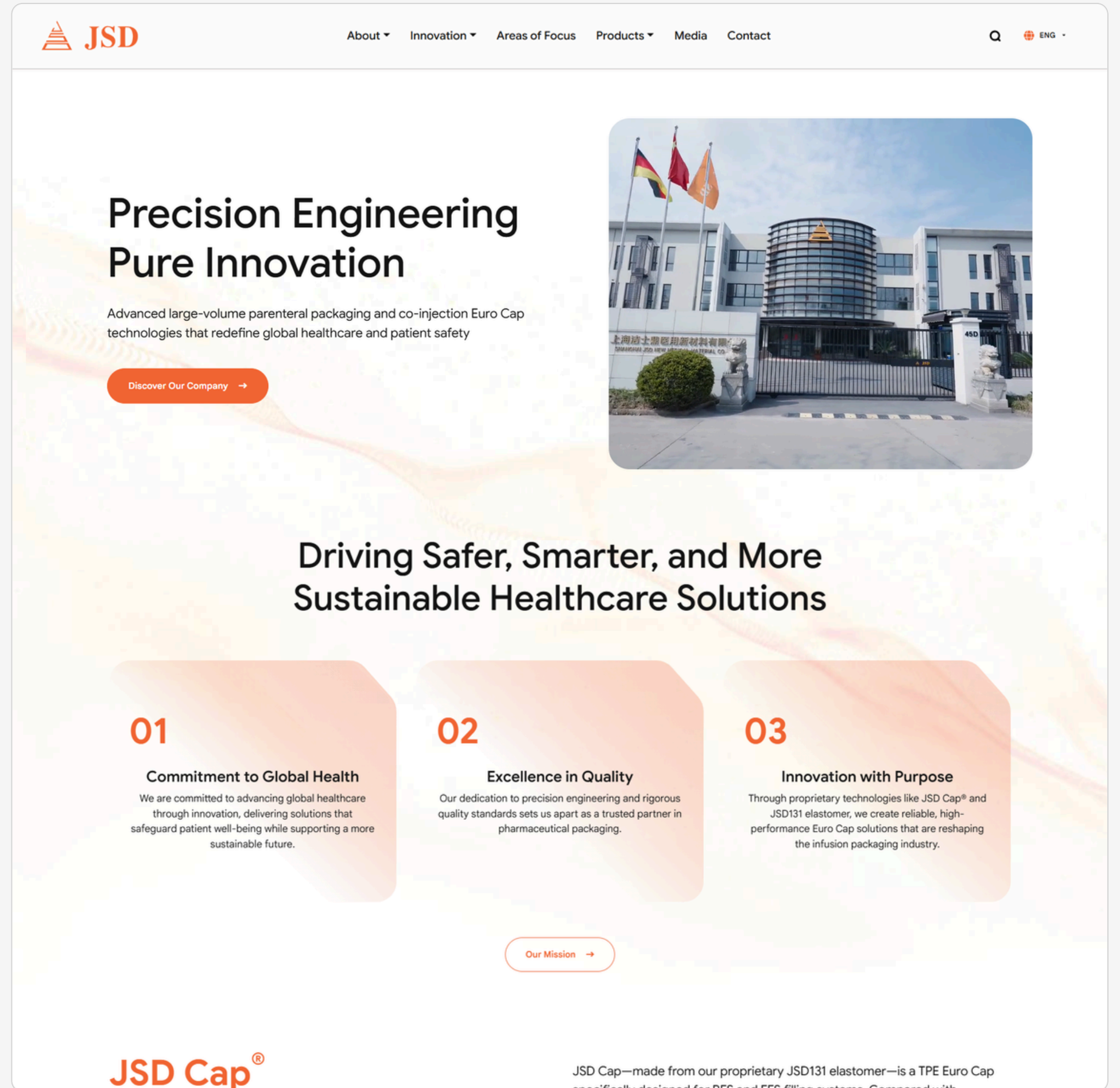
We designed and developed a fully custom website focused on clarity, performance, and technical communication.

- Re-architected the entire website structure around products, technology, and capabilities
- Developed clear, structured content tailored for pharmaceutical buyers and partners
- Introduced a modular system for technical data presentation
- Showcased smart manufacturing capabilities, including AI-driven automation and robotics
- Built a performance-first, scalable platform without reliance on templates or page builders

Before



After




# Website Transformation

[www.jsdpharma.com](http://www.jsdpharma.com)

**JSD** About Innovation Areas of Focus Products Media Contact

## Get in touch



Thank you for your interest in JSD. Please find the contact details for our global headquarters and regional offices below, or reach out using the contact form.



**China Headquarters**  
Building 45D, No. 1515 Yuandong Road, Longyang Industrial Park, Fengxian District, Shanghai, China

**U.S. Office**  
117 E 57th Street, New York, NY, 10022

Tel: +86 21 5437 2222  
Email: [contact@jسدpharma.com](mailto:contact@jسدpharma.com)

**Full Name \***

**Phone Number \***

**Email Address \***

**Company Name \***

**Job Title \***

**Region \***

**Areas of Interest \***

- Polymer JSD Caps® (Euro Caps)
- Plastic Combination Caps
- Drug Delivery Ports for IV Bags
- Medical-Grade TPE Products

**Customization**

I'm looking for a customized solution

\*We offer end-to-end support for custom product design, development, and production.

**Message / Inquiry**

**SUBMIT**


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## Serving Healthcare Markets Across Six Continents

By continuously expanding our international partnerships and footprint, JSD is building a global network to deliver reliable and efficient packaging solutions to customers around the world.

JSD is a leading innovator in the large volume parenteral sector, combining decades of experience with deep expertise in BFS infusion technologies. Over the years, we have established a strong global network of distributors and pharmaceutical partners.

Headquartered in Shanghai, China, our presence now extends across the globe.



- China
- Algeria
- Bangladesh
- Brazil
- Chile
- Cuba
- Egypt
- Germany
- Malaysia
- Myanmar
- Pakistan
- Paraguay
- Romania
- Russia
- Saudi Arabia
- Spain

**JSD** About Innovation Areas of Focus Products Media Contact

## Pioneering Global Pharmaceutical Packaging

JSD is a global innovator in pharmaceutical packaging, specializing in advanced Euro Cap technologies and TPE solutions for large-volume parenteral products.

**100 +** Core Technologies

**25 +** Automated Production Lines

**10,000 +m<sup>2</sup>** Facility

**26 +** Granted Patents

**Who We Are**  
Explore our history, leadership, and what makes JSD a leader in pharmaceutical packaging innovation.

**Smart Factory**  
Where precision engineering meets intelligent automation in GMP-compliant, C+A grade cleanroom environments.

**Global Presence**  
See how JSD delivers innovative pharmaceutical packaging solutions to clients and partners around the world.

**Mission & Values**  
Understand our commitment to advancing global healthcare through innovation and excellence.

**FAQs**  
Find answers to common questions about our

**JSD** About Innovation Areas of Focus Products Media Contact

## Your Questions Answered

Find quick answers to common questions about JSD products, capabilities, certifications, and ordering process.

Did you have a question?

**General FAQs**

- Is JSD a trading company or a manufacturer?
- What certifications does JSD hold?
- May I request samples?
- What are your typical production and delivery timelines?
- What payment methods do you accept?
- What logistics and shipping options are available?

**JSD Cap® and JSD 131 FAQs**


- What advantages do JSD Caps offer?
- What makes JSD Caps highly suitable for BFS infusion packaging?
- JSD Caps vs. traditional Euro Caps: which delivers better performance?
- Is it necessary to modify the production line when switching from combination caps to JSD Caps?
- Why do some countries still use combination caps made from thermoset rubber?

**JSD** About Innovation Areas of Focus Products Media Contact

## Pioneering the Future of Pharmaceutical Packaging

JSD Pharma Group is a global innovator in pharmaceutical packaging, headquartered in Shanghai, China. We specialize in advanced co-injection Euro Cap technologies and TPE packaging solutions for large-volume parenteral products.

### Our Shanghai Headquarters



**100 +** Core Technologies

**25 +** Automated Production Lines

**10,000 +m<sup>2</sup>** Facility

**26 +** Granted Patents

JSD holds ISO 15378 and ISO 9001 certifications. All our products meet FDA, EMA, and NMPA requirements, as well as global pharmaceutical packaging standards including ICH, ISO, USP, EP, JP, and ChP. Our quality philosophy is built on sustainable innovation, intelligent manufacturing, customer trust, and a shared commitment to advancing global health. [Discover our full list of patents and certifications.](#)

JSD products enhance the efficiency, reliability, and safety of global infusion packaging systems. As the first company in China to fully integrate R&D, manufacturing, and full lifecycle management in this field, we deliver end-to-end solutions spanning design, development, production, after-sales support, and shelf-life performance for both customized and standard products across diverse applications.

### Group Structure

- Shanghai JSD New Medical Material Co., Ltd.** (Headquarters)  
Headquartered in Shanghai, the company serves as the group's core R&D and manufacturing center, specializing in advanced pharmaceutical packaging components.
- JSD Pharma Inc.**  
Based in New York City, driving international business development and global expansion.
- Shanghai JSD Plastic Mold Co., Ltd.**  
Specializes in R&D and manufacturing of high-precision medical injection molds.
- Shanghai XQY Trading Co., Ltd.**  
Handles global marketing and distribution of JSD products.

Highly Engaging Content Pages

[www.jسدpharma.com](http://www.jسدpharma.com)

**JSD** Q ☰

**Our Products**

JSD offers a comprehensive range of co-injection molded Euro Caps, combination caps, and medical-grade TPE products for large-volume parenteral packaging.

All our products meet major global pharmaceutical packaging standards, including ICH, ISO, USP, EP, JP, and ChP.

[Polymer JSD Caps® \(Euro Caps\)](#)

[Plastic Combination Caps](#)

[Drug Delivery Ports for IV Bags](#)

[Medical-Grade TPE Products](#)

**Polymer JSD Caps® (Euro Caps)**

[32G-2](#)

**32G-2**  
Type: Liquid-Barrier Membrane, Flat-Top Design with Laminated Film  
OD\*H (mm): 32\*16.8  
Material: PP / PE + TPE  
Application: FFS

[32G-3](#)

**32G-3**  
Type: Flat-Top Design with Laminated Film  
OD\*H (mm): 32\*16.8  
Material: PP / PE + TPE  
Application: BFS

[36G-4](#)

**36G-4**  
Type: Single Pull-Ring  
OD\*H (mm): 36\*26.2  
Material: PP / PE + TPE  
Application: BFS

[39G-1](#)

**39G-1**  
Type: Twin-Port, Flat-Top Design with Laminated Film  
OD\*H (mm): 39\*22.4  
Material: PP / PE + TPE  
Application: BFS

**JSD** About Innovation Areas of Focus Products Media Contact Q ENG

# Polymer JSD Caps® (Euro Caps)

JSD Cap is the world's first TPE co-injection molded Euro Cap engineered to deliver **zero particle shedding during needle puncture** and **zero leakage upon needle withdrawal**. It outperforms conventional Euro Caps with exceptional sealing performance, no solvent odor, and effortlessly smooth needle penetration.

[Discover the innovation behind our proprietary technology >](#)

**Filter by Type**

- Double-Fold
- Dual Pull-Ring
- Flat-Top Design with Laminated Film
- Liquid-Barrier Membrane
- Raised-Top Design with Laminated Film
- Single Pull-Ring
- Twin-Port


**Filter by Material**

- PP / PE + TPE

**Filter by Application**

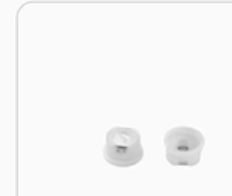
- BFS (Blow-Fill-Seal)
- FFS (Form-Fill-Seal)

[Reset Filters](#)



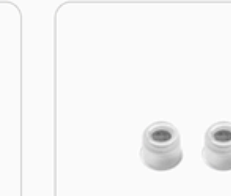
**32G-2**

Type: Liquid-Barrier Membrane, Flat-Top Design with Laminated Film  
OD\*H (mm): 32\*16.8  
Material: PP / PE + TPE  
Application: FFS




**32G-3**

Type: Flat-Top Design with Laminated Film  
OD\*H (mm): 32\*16.8  
Material: PP / PE + TPE  
Application: BFS



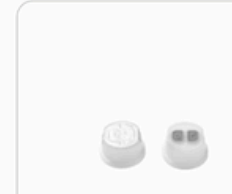
**36G-4**

Type: Single Pull-Ring  
OD\*H (mm): 36\*26.2  
Material: PP / PE + TPE  
Application: BFS



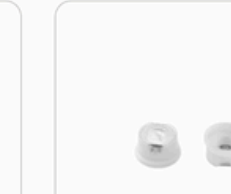
**39G-1**

Type: Twin-Port, Flat-Top Design with Laminated Film  
OD\*H (mm): 39\*22.4  
Material: PP / PE + TPE  
Application: BFS



**39G-2**

Type: Twin-Port, Flat-Top Design with Laminated Film  
OD\*H (mm): 39\*21.3  
Material: PP / PE + TPE  
Application: BFS



**39G-3**

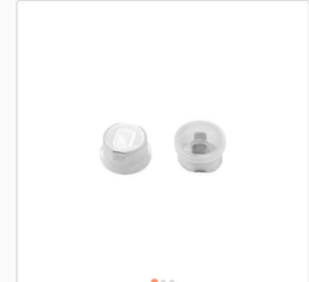
Type: Flat-Top Design with Laminated Film  
OD\*H (mm): 39\*21.3  
Material: PP / PE + TPE  
Application: BFS

## Interactive Product Pages


[www.jsdpharma.com](http://www.jsdpharma.com)

**JSD** About Innovation Areas of Focus Products Media Contact Q ENG

# Polymer JSD Cap® (Euro Cap)



Model: 32G-2  
Type: Liquid-Barrier Membrane, Flat-Top Design with Laminated Film  
OD\*H (mm): 32\*16.8  
Material: PP / PE + TPE


FFS (Form-Fill-Seal) Filling System 

Quality Standards: USP, EP, JP, ISO, ChP  
Transport Packaging: PE Bags, Cartons, Pallets  
Manufacturer: JSD  
Country of Origin: China


[Inquire Now](#)

[Features & Benefits](#) [Quick Compare](#) [FAQs](#) [Related Products](#)


### Features & Benefits




Manufactured from premium TPE material, specifically engineered for plastic containers used in IV injection and fully compatible with FFS infusion filling lines.



Delivers outstanding physical performance, featuring no leakage during needle withdrawal and no particle shedding during needle puncture.



Ensures safe, reliable, and effective use in large-volume infusion packaging, while supporting consistent performance across diverse clinical and manufacturing environments.



Fully compliant with ISO 15719 and ISO 8871-5 standards, meeting the highest international quality benchmarks.

**Available Types**

**Polypropylene JSD Caps (PP)**

- Aluminum-Foil
- Liquid-Barrier Membrane / Aluminum-Foil
- Pull-Ring
- Break-Off

**Polyethylene JSD Caps (PE)**

- Aluminum-Foil
- Liquid-Barrier Membrane / Aluminum-Foil
- Pull-Ring
- Break-Off

**Temperature and Time for Sterilization**

Cap Type	Temperature	Time
Polypropylene JSD Caps (PP)	121°C	30 Minutes
Polyethylene JSD Caps (LDPE / HDPE)	106°C	50 Minutes

Note: Sterilization temperature and duration can be increased according to customer requirements.

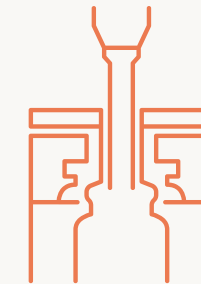
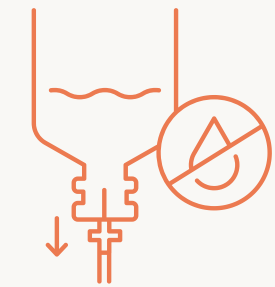
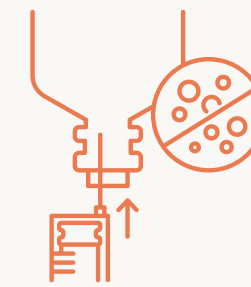
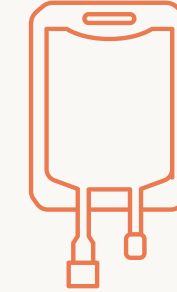
### Quick Compare

Comparison between JSD Caps (Euro Caps) and Rubber Combination Caps

NAME / PERFORMANCE	JSD CAPS / EURO CAPS (THERMOPLASTIC RUBBER)	COMBINATION CAPS (THERMOSETTING RUBBER)
Molding Process	TPE Component: Integral injection molding	Rubber Component: Cartridge assembly (prone to side leakage)
Hanging Weight	1-1.5 kg	IR: 0.5 kg; IR: 1 kg
Integrity Under Puncture & Sealing Performance	Leak-free; no particle shedding	IR: Slight risk of leakage & particle shedding IR: High risk of leakage & particle shedding
Chemical Purity	No thiazole cross-linking agents; minimal antioxidants	IR components generally use thiazole cross-linking agents and high levels of antioxidants
Particulate Contamination	No silicone oil lubrication required; no particulate contamination	IR and IR components require silicone oil lubrication; high risk of particulate contamination
Compatibility with Existing Filling Lines	Euro Caps can replace combination caps of the same specifications without production line adjustments	Combination caps can replace co-injection caps of the same specifications without production line adjustments
Product Safety	Patented; eco-friendly manufacturing; no risk of cost increases; secure supply chain	Manufacturing under environmental compliance pressures; potential for higher production costs

# Custom Icons

Custom icons were designed to reflect the client's product features.





[www.pexsol.com](http://www.pexsol.com)



[hello@pexsol.com](mailto:hello@pexsol.com)

# Thank you!

Thank you for taking the time to review this case study.

We look forward to discussing how a similar approach can help elevate your brand and digital presence.

