

EMERGENCY & TACTICAL MEDICAL SUPPLIES

Comprehensive Customization & OEM Procurement Guide for Global Distributors & Agencies

FDA, CE , ISO13485

As a specialized manufacturer of tactical emergency , trauma rescue and fracture care products, we manufacture ISO13485/CE/FDA compliant product designed for combat care, law enforcement, disaster relief, outdoor safety and emergency medical services (EMS). This customization guide shows our product capabilities, OEM/ODM options, materials, packaging customization, and step-by-step ordering workflow.

1. PRIMARY PRODUCT CATALOGUE & TECHNICAL CUSTOMIZATION

We provide full OEM/ODM service—including private labeling, custom dimensions, color variations, custom packing . Technical specifications please below table.

Product Category & Name	Standard Specifications	Customization / OEM Options
Tactical Trauma IFAK (Individual First Aid Kit)	600D thickened Oxford fabric, MOLLE attachment system, tear-away panel, waterproof coating. Item inside:Tourniquet,Emergency Splint ,Israeli Bandage,Triangulaire Bandage,Self Cohesive Bandage ,Compressed Gauze ,Nasal Airway ,Chest Seal ,Emergency Blanket ,Trauma Shear	Custom pouch size, brand rubber/embroidered patches, custom inner elastic loops, color matching (CP Camo, Tan, Black, OD Green).customs content inside
Hemorrhage Control Tourniquet	Military-grade aluminum or high-strength PP windlass, nylon webbing, time strap.	Laser-etched brand logo on windlass, custom strap printing, color options, custom single-pack instruction card/packaging.
Hemorrhage Control Chest Seal	Vented (3 or 6 channel) & non-vented hydrogel chest seal, medical-grade adhesive.	Custom foil pouch design/printing, double-seal combo packs, private label instructions, hydrogel formulation adjustments.
Immobilization Splint	Aluminum core padded with IXPE foam	Custom roll/fold sizes (40",36", 18",9",12", finger splint), custom IXPE foam colors,Custom IXPE thickness,Aluminum thickness, printing logo on splint body.
Hemorrhage Control Trauma Bandage & Compressed Gauze	4"/6" Israeli-style trauma bandage with pressure bar; 4.5" x 4.1yd 6-ply z-folded compressed gauze.	Vacuum sealing density, custom printed foil packaging, pad dimensions, elastic wrap

		tension/thickness.
Pelvic Sling	Force-controlled pelvic stabilization belt.	OEM length
Immobilization Neck Support & Head Immobilizer	Adjustable cervical collar (adult/child), high-density NBR foam head immobilizer.	Custom color schemes, private label branding, custom strap lengths, waterproof coating options.
Evacuation & Extraction Soft Stretcher & Folded Stretcher	Heavy-duty reinforced PVC/Nylon, 10-12 reinforced handles, load capacity up to 200kg+.	Custom handle counts, carry bag printing, reflective strip additions, custom length/width specifications.
Drag Strap	High-tensile nylon webbing, heavy-duty stitching, quick-release carabiners/buckles.	Webbing color customization, custom length, rubberized grip additions, logo stitching.
First Aid Essentials Emergency Blanket & Triangular Bandage	Mylar reflective foil blanket (Silver/Gold); Non-woven or 100% cotton triangular bandage with safety pins.	Custom blanket thickness (12um-26um), dual-color combinations, custom pouch inserts, compressed triangular bandaging.
Medical Tools Trauma / Wound Scissors	Stainless steel blades with fluoride non-stick coating, safety curved tip.	Handle color customization, laser-engraved company logo, tactical matte black blade coating, custom sheath options.

2. SCOPE OF CUSTOMIZATION SERVICES

A. Private Labeling & Branding Options

- **Silk Screen Printing & Heat Transfer:** Ideal for splint, tourniquet, stretchers, triangular bandages
- **Woven logo & Rubber Patches:** High-durability tactical patches for IFAK bags and outerwear.
- **Laser Engraving:** Permanent branding on metallic components (tourniquet windlasses, trauma shears).
- **Custom Outer Packaging:** Fully customized vacuum foil bags, color retail boxes, blister cards, and barcode/UDI labels.

B. Material & Configuration Tailoring

- **Fabric & Material Upgrades:** Choice of 600D Polyester, 1000D Cordura, waterproof TPU, or fire-retardant fabrics.
- **Modular Kit Configuration:** Build custom IFAK inner contents based on specific civilian, law enforcement, or military tactical medical or pre-hospital care requirements (TCCC standard alignments available).
- **Color Matching:** Custom Pantone color dye runs for nylon webbing, pouches, and plastic molded parts.

3. THE OEM/ODM CUSTOMIZATION WORKFLOW

1. Requirement Consultation & Specification Freeze

Submit your target product list, expected specifications, custom artwork (AI/PDF format), and target order quantity. Our engineering team reviews technical feasibility.

2. Sampling & Prototype Validation

We produce physical custom samples (including custom logos, packaging, and material specs) within 5–10 business days for client testing and functional approval.

3. Contracting & Quality Agreement

Finalize pricing, production lead times, inspection criteria, regulatory compliance paperwork, and commercial terms.

4. Mass Production & Quality Control

Raw material incoming quality control (IQC), in-process inspections (IPQC), and 100% final testing on critical items (e.g., tourniquet tension, heat-seal integrity).

5. Packaging, Export Compliance & Logistics

Custom master carton printing, pallet packing , CE/FDA document clearance, and worldwide door-to-door or sea/air freight shipping.

4. QUALITY ASSURANCE & INTERNATIONAL COMPLIANCE

Global Medical Standard Compliance: Our manufacturing facility operates under strict medical device quality management systems.

- ISO 13485:2016 Certified Medical Device Manufacturing Facility
- CE Marking & EU MDR Compliant technical documentation for European distribution
- FDA Registered for First Aid Kits, Trauma Dressings, and Immobilization Equipment

5. QUICK REQUEST CHECKLIST FOR BUYERS

- [] **Target Products:** (e.g., IFAK Kit, Tourniquet, Chest Seal, SAM Splint, etc.)
- [] **Order Volume:** Initial sample quantity and estimated annual mass production volume.
- [] **Customization Level:** Standard stock item + logo VS full custom material/dimension specifications.
- [] **Packaging Requirements:** Vacuum seal, sterile blister, custom artwork pouch, or bulk packaging.
- [] **Target Market / Certifications Needed:** (e.g., USA / FDA, EU / CE, Military tender specs).

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