



QURE • MEDICAL™

*when precision matters™*



# Global Capabilities

# Qure Medical Global Business

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Precision Molding, Extrusion and Assembly for Medical Devices and Bio Pharma



**Med Tec Bio Pharma Clean Room  
Molding & Assembly**



**Medical & Surgical  
Device**



**Fluid Management &  
Catheterization**



**Drug Research &  
Drug Delivery**

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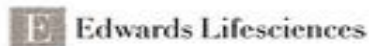
Qure Medical is owned by  **HOLDING COMPANY**  
when precision matters™

# Single-Source: Multiple Suppliers in 1!



When precision matters and you need excellent products on time.

# Blue Chip Customer Base



# Key Capabilities

- Broad capabilities (HCR, LIM, extrusion, overmolding)
- Class 7&8 cleanrooms
- Internal tooling capabilities (transfer and LIM)
- Wasteless/flashless production
- Overmolding, subassembly and full assembly capabilities
- Extensive library of proprietary formulas
- Polyisoprene, organic and silicone polymers technology
- ISO 13485 certification and facilities capable of producing FDA registered products
- Vision inspection and automation
- Internal compounding
- Precision slitting for flow control
- Paralyne coatings for improved dry lubrication

# Markets and Solutions

## Medical



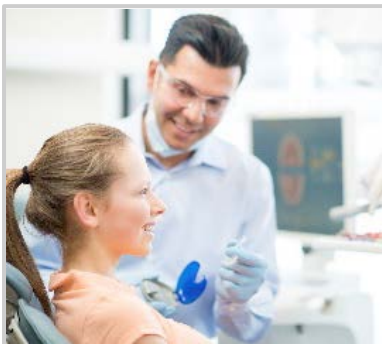
- Medical/Surgical
- Fluid management
- Wound care
- Enteral feeding

## Pharmaceutical



- Drug delivery
- Bio-pharma assembly
- Pharma packaging

## Consumer Healthcare



- Oral healthcare
- Women's health
- Infant care
- Food and beverage

## Safety



- Firefighting
- Avionics
- Aerospace
- HazMat

# Product Development

- Aerospace & Avionics Nose Cups
- Baby Bottle Nipples
- Bellows
- Blood Oxygenation Bags
- Catheters
- Custom O-Rings
- Dental ID Bands
- Dental Sterilization Holders
- Diaphragms
- Duckbills
- Enteral Feeding Tubes
- Extruded Profiles
- Firefighter Mask Assemblies
- IV Components
- Medical Ports
- Nipple Shields
- PEG Tubes
- Plunger Tips
- Pulse Oximeters
- Pump Diaphragms
- Seals
- Septums
- Sleep Apnea Mask Components
- Sleeve Stoppers
- Sterilization Mattes
- Strain Relief Products
- Surgical Bands
- Surgical Instrument Handles
- Surgical Vacuum Ports
- Teethers
- Tubing
- Valves
- Valve Patties
- Vial Caps
- Wound Drains
- ***Additional custom molded solutions by request***



# Sturtevant, Wisconsin

1810 Renaissance Blvd.  
Sturtevant, WI 53177



- 89,000 sq ft Facility
- ISO Class 7 and 8 cleanrooms
- ISO 13485 certified
- 55 Molding presses ranging in size from 12-200 ton
- 130 Team members

## Key Capabilities

- ISO Class 7 and 8 cleanroom molding and assemblies
- LIM-Liquid Injection Molding/LSR-Liquid Silicone Rubber
- Coating application - Parylene, plasma, dip coating
- Additional capabilities:
  - Implantable grade LSR
  - Vision inspection
  - Plastic molding
  - Overmolding rubber to plastic and metal
  - Full mold automation including part removal
  - In-house mold design and manufacturing
  - White room manufacturing



# Rock Hill, South Carolina

663 Bryant Boulevard  
Rock Hill, South Carolina 29732



- 58,000 sq ft Facility
- 140+ Team members
- 58 Molding presses ranging in size from 150 to 800 ton
- 24 custom-developed automated vision inspection systems
- ISO 13485 certified

## Key Capabilities

- HCR wasteless/flashless, compression, and injection molding
- Custom material development support
- FDA drug master files
- Additional capabilities:
  - Core materials: Polyisoprene, Neoprene, Butyls, EPDMs, Silicones
  - Cryogenic de-flash and chlorination
  - Dedicated in-house mold maintenance
  - Slitting and die cutting
  - Data integration throughout plant
  - Automated vision inspection
  - Analytical laboratory, FTIR, UV, DSC
  - ISO Class 8 cleanrooms

# Twinsburg, Ohio

1700 Highland Rd  
Twinsburg, OH 44087



- 11,000 sq ft Facility - all Class 8 cleanroom space
- 70 Team members
- ISO 14001, ISO 13485 certified and FDA registered
- 23 Molding presses
- 3 Production extruders

## Key Capabilities

- HCR silicone extrusion
- HCR silicone molding and overmolding
- LIM-Liquid Injection Molding/LSR-Liquid Silicone Rubber
- Additional capabilities:
  - LSR overmolding (specifically onto tubing)
  - Die cutting and slitting
  - ASTM physical properties testing such as tensile and tear strength
  - Packaging and assemblies (FDA registered final product pack)
  - Automated vision inspection
  - Pad printing
  - Flow/leak testing
  - ISO Class 8 cleanrooms

# Silicone Altimex

49 Pasture Road, Stapleford  
Nottingham, NG9 8HR UK



- 80+ Team members
- ISO 13485 & ISO 9001
- 13 extruders
- FDA registered

## Key Capabilities

- (6) Class 7 cleanrooms
- Precision extrusion and precision molding
- Bio Pharma cleanroom molding and assembly
- Additional capabilities:
  - Platinum silicone extrusion cleanroom
  - Cardiopulmonary tubing extrusion
  - Laser controlled non-contact extrusion
  - Molding presses ranging in size from MICRO to 150 ton
  - Automated vision inspection system and laser loop control
  - 2 extrusion production rooms (Peroxide/Platinum)
  - Braiding – pharmaceutical and medical grades

# Dongguan, China

优品（中国）Dongguan  
No 1 Building, E Section,  
Jun Da Industry Zone, Dong Keng District,  
Dongguan City, Guangdong, PRC



- 11,000 sq ft Class 8 cleanroom space
- ISO 13485 certified
- HCR & LSR molding presses ranging from 100 to 700 ton
- Vision inspection systems on site
- 8 team members

## Key Capabilities

- HCR transfer/compression, clean room and vertical LIM molding
- Non-organic products for medication delivery, access devices and fluid management
- Custom material formulations
- Additional capabilities:
  - Secondary operations (finishing/slitting)
  - Clean room molding and assemblies in ISO Class 8
  - Automated vision inspection
  - Dedicated in-house mold making and automation

# Quadra *Tooling & Automation*

3565 Highland Park Street NW  
North Canton, OH 44720

1810 Renaissance Blvd.  
Sturtevant, WI 53177



- 55,000 total sq ft
- 2 R&D centers
- 28 Tool builders
- 15 Engineers
- 60 Total employees

## Key Capabilities

- Custom early stage prototyping skills
- SIGMASOFT mold flow simulation
- Mold design and flow engineering
- Additional capabilities:
  - SolidWorks and AutoCad
  - Ansys non-linear FEA Modeling and simulations
  - CAM / CNC programming
  - Power mill, part maker
  - Surfcam, Gibbs cam
  - Machines
  - 5 axis CNC machining
  - Laser marking machine
  - Surface grinders
  - Wasteless flashless tooling design
  - Overmolding rubber to plastic and rubber to metal mold design

***Surpassed 5K Molds Engineered and Manufactured July, 2016***