



Montrose Putnam, CT Job Opportunities

As of Sept, 2026

Check back - more opportunities coming soon!

Brand New Factory

Manufacturing in the "Cable Heartland"

60,000 sq ft
State-of-the-art
facility

October
2026
Grand opening

Putnam
CT
Strategic location

US Manufacturing
AI and Data Center
Application

- ✓ Strong supplier ecosystem with nearby partners
- ✓ On-site automation, equipment, and tool design fabrication
- ✓ In-house process engineering from concept to production



For more information call 617-798-3503, or email Sales@MontroseUS.com

Extruder Operator

Position Summary

The Extruder Operator is responsible for setting up, operating, monitoring, and maintaining extrusion equipment used to manufacture insulated wire, cable, tubing, or related products. The operator ensures products meet dimensional, electrical, mechanical, and cosmetic specifications while maintaining safe and efficient production.

Key Responsibilities

- Set up and operate extrusion lines according to production orders, drawings, specifications, and work instructions.
- Install and change tooling, including extrusion dies, tips, guides, and other line components.
- Load and prepare raw materials such as FEP, PTFE-based materials, polyethylene, polypropylene, PVC, and other thermoplastic compounds as applicable.
- Set and monitor extrusion temperatures, line speed, screw speed, pressure, cooling conditions, tension, and other process parameters.
- Perform start-up and shutdown procedures and make process adjustments to maintain product quality.
- Monitor insulation or jacket diameter, wall thickness, concentricity, surface finish, and overall product dimensions.
- Operate and monitor inline equipment such as diameter gauges, spark testers, preheaters, capstans, cooling systems, printers, and take-up equipment.
- Perform in-process inspections and record production and quality data accurately.
- Identify extrusion defects such as dimensional variation, surface defects, contamination, voids, discoloration, and poor concentricity.
- Troubleshoot process and equipment problems and make appropriate adjustments.
- Verify materials, tooling, and production documentation before beginning each manufacturing run.



- Minimize scrap and material waste while meeting production and quality targets.
- Maintain material traceability and properly identify finished and work-in-process products.
- Follow established procedures for handling and drying materials where required.
- Perform routine cleaning and basic preventive maintenance of extrusion equipment and tooling.
- Maintain a clean and organized work area in accordance with 5S or company housekeeping requirements.
- Follow all safety procedures, including proper use of PPE and lockout/tagout requirements.
- Work closely with Quality, Engineering, Maintenance, and Production personnel to resolve manufacturing issues.
- Report equipment problems, quality concerns, and production deviations to the supervisor.
- Participate in continuous-improvement activities to improve productivity, yield, quality, and process stability.

Qualifications

- High school diploma or equivalent preferred.
- Previous extrusion, wire and cable, plastics processing, or manufacturing experience preferred.
- Ability to read manufacturing drawings, work instructions, specifications, and production travelers.
- Ability to use measuring equipment such as micrometers, calipers, and diameter gauges.
- Basic understanding of extrusion temperatures, pressures, speeds, tooling, and material handling.
- Good mechanical aptitude and troubleshooting ability.
- Ability to perform basic mathematical calculations and accurately record production data.
- Ability to follow detailed manufacturing and quality procedures.
- Ability to work independently while communicating effectively with supervisors, engineers, quality personnel, and other operators.

Preferred Experience

Experience with precision or high-frequency cable extrusion is highly desirable. Experience processing fluoropolymers such as FEP, PFA, ETFE, or similar high-performance materials is also preferred.



Experience with thin-wall insulation, tight dimensional tolerances, concentricity control, high-speed extrusion, and inline inspection equipment is a plus.

Physical Requirements

The position requires standing and walking for extended periods, handling raw materials and tooling, and performing repetitive manufacturing activities. The employee must be able to safely lift and move materials and equipment within company-established limits.

Performance Expectations

The Extruder Operator is expected to consistently meet established requirements for safety, product quality, production output, scrap reduction, equipment care, documentation accuracy, and on-time completion of manufacturing orders.

Reports To: Production Supervisor / Manufacturing Manager

Department: Manufacturing / Production

Employment Type: Full-Time

High-Speed Cable Taping Line Operator

Position Summary

The High-Speed Cable Taping Line Operator is responsible for setting up, operating, monitoring, and maintaining precision taping equipment used in the manufacture of high-speed, high-frequency, RF, coaxial, and specialty cable products.

The operator controls critical process parameters including tape tension, pitch, overlap, line speed, conductor tension, tape alignment, and finished diameter to ensure cable products meet electrical, mechanical, dimensional, and quality requirements.

Key Responsibilities

- Set up and operate high-speed cable taping lines according to manufacturing drawings, production travelers, specifications, and work instructions.
- Install and properly thread tape materials, conductors, guides, dies, capstans, payoff equipment, and take-up equipment.
- Set and control tape tension, conductor tension, taping pitch, overlap percentage, tape angle, head speed, and line speed.
- Maintain consistent and uniform tape coverage throughout the production run.
- Monitor tape position and alignment to prevent gaps, wrinkles, folds, excessive overlap, or tape damage.
- Set up and operate single-head and multi-head taping equipment as required.
- Process dielectric and shielding tape materials such as PTFE, expanded PTFE (ePTFE), polyester, polyimide, fluoropolymer, and other specialty materials.
- Monitor finished cable diameter, concentricity, tape coverage, surface condition, and dimensional stability.
- Perform first-piece and in-process inspections using micrometers, calipers, diameter gauges, and other inspection equipment.
- Monitor and adjust process parameters during production to maintain tight dimensional tolerances.
- Operate payoff and take-up systems while maintaining proper cable and conductor tension.



- Perform spool and reel changes while minimizing downtime and material waste.
- Identify and correct taping defects including gaps, wrinkles, folds, inconsistent overlap, tape breaks, diameter variations, and tension-related defects.
- Monitor inline measurement and inspection equipment when applicable.
- Accurately complete production travelers, inspection records, material usage records, and process documentation.
- Maintain material identification and lot traceability throughout the manufacturing process.
- Inspect incoming tape and conductor materials before and during production.
- Follow established procedures for handling sensitive dielectric and specialty cable materials.
- Minimize scrap, setup time, and material waste while achieving production targets.
- Perform routine equipment cleaning, inspection, and basic preventive maintenance.
- Maintain taping heads, guides, tensioning systems, capstans, payoff systems, and take-up equipment in proper operating condition.
- Communicate equipment, process, and quality issues promptly to Production, Quality, Engineering, or Maintenance.
- Follow all company safety procedures and use required personal protective equipment.
- Maintain a clean and organized work area in accordance with company housekeeping and 5S requirements.

High-Speed / RF Cable Quality Responsibilities

The operator must understand that variations in the taping process can directly affect the electrical performance of high-frequency cable.

Critical characteristics may include:

- Dielectric outside diameter
- Tape overlap and pitch
- Dielectric wall thickness
- Concentricity
- Cable geometry
- Capacitance
- Characteristic impedance
- Velocity of propagation



- Insertion loss
- Return loss
- Phase stability and skew
- Mechanical stability of the dielectric structure

Operators are responsible for maintaining established process settings and immediately reporting significant deviations.

Qualifications

- High school diploma or equivalent preferred.
- Previous cable taping, wire and cable manufacturing, extrusion, braiding, stranding, or precision manufacturing experience preferred.
- Strong mechanical aptitude.
- Ability to set up and operate precision rotating manufacturing equipment.
- Ability to read manufacturing drawings, specifications, work instructions, and production travelers.
- Ability to use micrometers, calipers, diameter gauges, and other precision measuring equipment.
- Ability to perform basic mathematical calculations, including diameter, pitch, and tape overlap calculations.
- Ability to accurately document process settings and inspection results.
- Good troubleshooting and problem-solving skills.
- Ability to work independently while following established manufacturing procedures.

Preferred Experience

Experience manufacturing high-speed data, RF, microwave, coaxial, twinaxial, or other controlled-impedance cables is highly desirable.

Experience working with PTFE, expanded PTFE (ePTFE), polyimide, polyester, fluoropolymer, and other precision dielectric tapes is preferred.

Experience with high-speed rotating taping heads, precision tension-control systems, laser diameter measurement, capacitance measurement, and other inline process-control equipment is a plus.

Physical Requirements



The position requires standing and walking for extended periods and safely handling reels, spools, tape packages, tooling, and cable materials. The operator must be able to perform repetitive equipment setup and production activities and safely lift materials within company-established limits.

Performance Expectations

Performance will be evaluated based on:

- Safety
- Product quality and consistency
- Tape overlap and dimensional control
- Production output and machine utilization
- Setup and changeover efficiency
- Scrap and material yield
- Equipment care
- Documentation accuracy
- Adherence to manufacturing procedures
- On-time completion of production orders

Job Title: High-Speed Cable Taping Line Operator

Department: Manufacturing / Production

Reports To: Production Supervisor / Manufacturing Manager

Employment Type: Full-Time

Production Technician – Taping & Extrusion

Company: Montrose / ImageTek MFG

Location: Putnam, Connecticut

Job Type: Full-Time / Part-Time / Student Opportunity

Department: Manufacturing / Production

About the Opportunity

Montrose is building a new high-speed cable manufacturing operation in Putnam, Connecticut. We are looking for motivated college students and early-career candidates who are interested in gaining hands-on experience in advanced manufacturing and cable production.

As a **Production Technician**, you will work with our manufacturing team on the **taping and extrusion production lines**. This is a hands-on position where you will learn how materials and processes are used to manufacture high-performance cables.

No previous cable manufacturing experience is required. Training will be provided.

What You Will Do

Taping Production

- Operate and monitor cable taping equipment under the direction of experienced operators.
- Load and prepare materials for the production process.
- Monitor machine operation and product quality.
- Perform basic adjustments and troubleshooting with support from the production team.
- Inspect finished products for appearance and basic quality requirements.
- Record production information and report any issues to the supervisor.

Extrusion Production

- Assist with operation of cable extrusion equipment.
- Prepare materials and support production line setup and changeovers.

- Monitor equipment and production conditions during operation.
- Check cable dimensions, appearance, and other basic quality characteristics.
- Assist with material handling and maintaining an organized production area.
- Follow established production, quality, and safety procedures.

Safety & Quality

- Follow all company safety procedures and manufacturing instructions.
- Wear required personal protective equipment (PPE).
- Maintain a clean and organized work area.
- Follow quality standards and immediately report defects or equipment issues.
- Work collaboratively with Production, Quality, Engineering, and other team members.

Qualifications

- Currently enrolled in a college, university, or technical/trade program, **or** recently graduated.
- Interest in manufacturing, engineering, technology, mechanics, or industrial operations.
- Comfortable working in a hands-on production environment.
- Ability to follow detailed instructions and standard operating procedures.
- Good attention to detail and commitment to product quality.
- Reliable, responsible, and willing to learn.
- Ability to work effectively as part of a team.

Previous manufacturing or machine-operation experience is a plus, but not required.

What You Will Learn

This position provides an opportunity to gain practical experience in:

- Cable manufacturing processes
- Extrusion and taping operations
- Production equipment operation
- Manufacturing quality control

- Material handling
- Production documentation
- Workplace safety
- Lean manufacturing and continuous improvement

Physical Requirements

- Ability to stand and walk for extended periods during the workday.
- Ability to lift and move materials within the requirements of the position.
- Ability to work around manufacturing equipment and follow required safety procedures.
- Ability to use hands for handling materials and operating equipment.

Why Join Montrose?

This is an opportunity to join a **new manufacturing operation from the beginning** and gain hands-on experience in the production of high-speed connectivity products used in advanced data and communications applications.

Students will have the opportunity to learn directly from experienced manufacturing professionals and develop practical skills that can support future careers in **manufacturing, engineering, quality, operations, and supply chain**.

What We Offer

Eligible employees may have access to:

- Medical, dental, and vision insurance
- 401(k) retirement plan
- Paid time off (PTO)
- Company-paid holidays
- Other company benefits in accordance with the applicable benefit plan