

MTUBE® INTEGRA®

Robust pull-in and inflate liner for small diameter wastewater pipelines

Reduce your installation costs and improve your operational efficiency with MTube® Integra® – the pull-in and inflate liner from Manufactured Technologies Corporation (MTC).

Backed by nearly 40 years of industry expertise and product development, MTC is proud to offer this **cost-effective CIPP solution that allows for better utilization of your time, materials and equipment**. Ideal for rehabilitating deteriorating small-diameter sanitary and storm sewers, MTube® Integra® consistently meets or exceeds the standards specified in ASTM F1743.

Additional Benefits

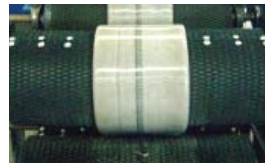
- Increased productivity = increased profitability
- Simplified ordering logistics and more flexibility
- Lower capital investment on equipment purchase
- Ideal way for fold and form installers to enter CIPP business
- Lower freight costs

Manufacturing and Installation

MTC is committed to providing the marketplace with the highest quality CIPP tubing at affordable prices. Like all of our liners, MTube® Integra® is manufactured in an ISO:9000 certified facility and undergoes more than 25 stringent quality checks for weight, thickness, density, strength and elongation. This results in a tube with **less defects** and **superior uniformity**.

MTube® Integra® Installation Process

MTube® Integra® is installed using a pull-in process, which means reduced stress on the tube as compared to other methods, a smaller jobsite footprint and **decreased installation cycle time**.



Step 1:

MTube® Integra™ must be wet out (impregnated with resin) before installation.



Step 2:

Using a pull-in method, the resin saturated liner is inserted into an existing sanitary or storm sewer. Air is used to inflate the tube and steam cures the resin to form a tight fitting, jointless and corrosion resistant replacement pipe.



Step 3:

Before reinstating the sewer pipeline, service laterals must be restored and the rehabilitated pipe inspected by closed-circuit TV.

Quality Cured-In-Place Pipe Supplier

Manufactured Technologies Corporation (MTC) formerly known as Mississippi Textiles Corporation was formed in 2005 to provide high-quality, affordable cured-in-place pipe (CIPP) products to the trenchless rehabilitation industry.

Today, MTC serves as a single-source supplier for a variety of domestic and international customers. Our commitment to premium raw materials, state-of-the-art manufacturing and exceptional customer service makes us the most reliable and complete choice.

MTC Benefits

- Specialized solutions
- Premium raw materials
- Superior product uniformity
- Leading technical support
- Affordable, fixed pricing
- Multiple wetout facilities
- Flexible pipe design
- 6-inch to 96-inch diameter tubes
- Seam construction
- Splices / diameter changes
- Steam / water curing

MTC Applications

- Sanitary and storm sewers
- Industrial effluent
- Cooling water pipelines
- Outfalls

MTube® Integra® Equipment Pricing	
Description	Price
Portable hydraulic pull-in winch	\$ 4,250
2-inch x 1-inch air / steam manifold with D-50 regulator	\$ 1,000
2-inch cannister (inlet or outlet)	\$ 225
3-inch cannister (inlet or outlet)	\$ 250
Steam chimney	\$ 850
Down hole hydraulic jacking roller	\$ 1,750
Hand pump for down hole roller	\$ 1,000
1.5 ton swivel	\$ 400
Rigid tri-pod	\$ 550
3/8-inch x 3-foot condensate line with 25-foot hose	\$ 125
6-foot fiberglass pole	\$ 125
1/2-inch x 1,200-foot double braided rope in plastic tote	\$ 500

MTube® Integra® Technical Envelope	
Diameter range	6 – 12 inches
pH range	0.5 - 10.5
Effluent temperature	140° F
Pipe condition — fully deteriorated	Yes
Pipe condition — partially deteriorated	Yes
Bends	No
Offset joints	Yes
Typical shot length	Up to 750 feet
Host pipe material	All excludes truss pipe

MTC Wetout Locations

With multiple wetout facilities across North America, we are ready to serve you at any jobsite location. This unique footprint allows us to conveniently wet out tube where and when you need it, meaning you choose the best option for your unique installation needs.



Manufactured Technologies Corporation
 17988 Edison Avenue
 St. Louis, MO 63005
 636.530.3330
www.manufacturedtechnologies.com