



**A
Blueprint**

for

Success



PPC Industries, Inc.

Do your plans call for...

- ✓ An economical source of medical grade tubing?
- ✓ Additional clean room space for value added manufacturing?
- ✓ Construction of expensive clean room space to expand medical tubing production?

Then you should be talking with PPC Industries Inc. about contract manufacturing your medical tubing requirements!

Advantages of fulfilling your tubing requirements from PPC Industries, Inc.:

- ✓ Control costs by having tubing produced in an efficient, modern class 100,000 clean room facility.
- ✓ Receive just-in-time delivery to US, Mexican or Caribbean locations from a reliable supplier centrally located in Costa Rica.
- ✓ Gain a competitive edge by freeing your clean room facilities to capture new market opportunities.

PPC Industries, Inc. offers:

A dedicated class 100,000 Medical Tubing Manufacturing Facility located in Costa Rica that is ideally suited to fill your requirements in North America, Central America and the Caribbean. Built in 2005, facility attributes include:

- ✓ Certified class 100,000 clean room operation suitable for production of USP Class VI tubing.
- ✓ Positive air pressure, filtered environment with temperature and humidity controls.
- ✓ De-ionized Water System.
- ✓ In-house laboratory for continuous monitoring of bio-burden and endotoxin levels.
- ✓ Clean room space available for immediate expansion of production capacity.



PPC has manufacturing capabilities to produce a wide range of tubing including:

- ✓ Mono layer and co-extrusion.
- ✓ Extrusion of PVC, PE and other thermal plastics.
- ✓ Frosted, Colored and Color Striped Tubing.
- ✓ FDA, USP Class VI and Non DEHP products.
- ✓ OD's from 0.05" to 1.5" with larger OD's available.
- ✓ Wall thicknesses from 0.015" to 0.054 with thicker walls available.
- ✓ Cut lengths from 0.375" to 60.0".
- ✓ In-house tooling and die design programs available for custom manufacturing.

Process and Quality Controls

- ✓ Laser measurement system for 100% inspection and control of tubing OD.
- ✓ 100% Ultrasonic monitoring of critical tubing wall thickness.
- ✓ 100% inspection process with on-line SPC/SQC system providing real-time data.
- ✓ Use of histograms, CPKs, X-bar and R-Chart trend analysis.
- ✓ Documented statistical analysis reporting available upon request.
- ✓ Capability to validated raw materials, processes and finished products based upon customer requirements.
- ✓ Physical testing capabilities including: Infra Red Spectrophotometry, Ultimate Tensile Strength, Elongation, Modules, Bacterial and Bio-Burden.





Costa Rica offers a stable business climate with a well educated, economical workforce. Costa Rican ports on both oceans grant easy access to US markets through East Coast, West Coast and Gulf Ports. Free trade agreements permitting duty free export to near by markets

Costa Rica's Competitive Business Advantages:

- ✓ Location near major medical device manufacturers
- ✓ Stable, well educated, cost effective labor force
- ✓ Close proximity to Central American, Caribbean and Mexican markets
- ✓ Easy access to US markets through East Coast, West Coast and Gulf Ports
- ✓ Free trade agreements permitting duty free export to near by markets

As the wholly owned subsidiary of PPC Industries, Inc., PPC Industrias S.A. in Costa Rica is backed by a US company with access to financial capital for investments in additional production capacity and new technology required to accommodate customer demand.

PPC Industries, Inc., headquartered in Pleasant Prairie, WI (45 miles North of Chicago), has nearly 50 years of plastic extrusion experience and annually sells \$75 million of plastic films and medical tubing. PPC Industries' customer base includes many fortune 250 medical device manufactures, food processors, and suppliers to the automotive industry.

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