

## APPLICATIONS

### ON-SITE



### PLASMA COATINGS

*WE CAN HANDLE ALL OF YOUR NEEDS*

LARGE ~ SMALL ~ CYLINDRICAL ~ FLAT



**Plasma Coatings**  
Division of American Roller

80 Turnpike Drive  
Waterbury, CT 06702  
Phone 262-878-2445  
Fax 203-598-3102

**Plasma Coatings of TN**  
11415 Gulf Stream Avenue  
Arlington, TN 38002  
Phone 262-878-2445  
Fax 901-867-0071

[www.plasmacoatings.com](http://www.plasmacoatings.com)  
[www.americanroller.com](http://www.americanroller.com)

Email: [info@plasmacoatings.com](mailto:info@plasmacoatings.com)

*In Plant & On-Site Specialty Coatings  
Providing Cost Effective Solutions via:*

- \* Release / Non-Stick
- \* High Traction / Web Tracking
- \* Low Friction
- \* Corrosion Resistance
- \* Wear Resistance
- \* High Durability



## Product/Service Information

*The originators of  
Flame-Sprayed  
Release Coatings*

## About Us...

**PLASMA COATINGS** has been a leader in providing hard matrix impregnated coatings for over 35 years.

Our focus has been to provide cost effective solutions for production problems via the enhancement of surface properties.

### CAST IRON

The non-stick of Teflon®

### ALUMINUM

The hardness of Tungsten Carbide

### COMPOSITES

Wear resistance and web tracking

### ON-SITE

Established in the early 1980's

*Two full service shops in U.S.: CT & TN*

**Global Solutions:** Our Licensee's solve a problem with the same solution, globally.

### INDUSTRIES SERVED:

Paper	Adhesives
Printing	Non Woven
Converting	Powder & Bulk
Petrochemical	Tapes

### ACCEPTABLE MATERIAL FOR COATING

Steel	Composites
Aluminum	Cast Iron
Stainless Steel	Plastics
Hardened Steel (limited)	

### ACCEPTABLE CONFIGURATIONS

(Line of Sight)

Cylindrical	Flat	Open Design
I.D.s (limited by I.D. & length)		

### TECHNIQUES USED

HVOF	Plasma
Thermal	Electric Arc
Dispersion	Electrostatic



### COATING MATERIALS AVAILABLE

Nickel Chrome	Ceramics
Stainless Steel	Aluminum
Hastelloys®	Tungsten Carbides

### SURFACES REPLACED

Teflon® Coatings	Teflon® Tape
Teflon® Sleeves	Silicone® Paint
Silicone® Tape	Chrome Plating

**PLASMA COATINGS INC.** was acquired in 2003 by **AMERICAN ROLLER COMPANY LLC.**

*This has broadened our ability to become a full service facility for our customers by providing:*

- Specialty Coatings
- Rubber Coverings ~ New or Repaired
- Urethane Coverings
- Heated Rolls ~ Traditional & Electric Thermalon®
- Metal & Composite Rolls ~ Design & Fabrication
- Bowed Rolls ~ Wrinkle Control
- Arcostrecher Rolls ~ Wrinkle Control
- Ceramics

### RESEARCH & ENGINEERING

American Roller Company's state-of-the-art Research & Engineering facility is available to address our customer's specific and long-term issues.

