FPD COATERS

COMPANIES	SUBSTRATES Materials Coated	PROCESSES Process Specialties	MAX OVEN SIZE Height -Feet	Width -Feet	Length -Feet	Special Features, Equipment, or Expertise
American Durafilm (MA)	1, 2, 3, 4	3, 4, 5, 6, 7, 10	6.0	6.0	10.0	High performance coatings to optimize performance and add value
Applied Plastics (MA)	1, 2, 3, 4	3, 4, 6, 7, 9	6.0	6.0	8.0	Specializing in thin film builds.
Boyd Coatings (MA)	1, 2, 3. 4	4, 7, 9	6.0	6.0	16.0	Custom coating formulations, two 70' conveyor ovens
Hitemco Southwest (TX)	1, 2, 3, 4	3-5, 7-10	15.0	15.0	60.0	Large parts, high volume coating of small parts, clean room.
JRLON Coatings (NY)	1, 2, 3, 4	2-5, 7-9	8.0	8.0	10.0	Custom coatings. Challenging requirements.
Orion Industries (IL)	1, 2, 3, 4	2, 3, 4, 5, 7, 10	6.0	6.0	10.0	Batch, overhead, and cone. ovens, 250-800 deg. F. Large volumes.
PCM Company (NJ)	1, 2, 3, 4	2, 4, 6, 7, 9	12.0	12.0	25.0	Specializing in small qty., thin film to thick films on large vessels
Precision Coating Co. (MA)	1, 2, 3, 4	4, 5, 10	6.0	6.0	14.0	Custom masking, tight tolerance applications accompanied with unequalled service and delivery

KEY		
1	Metals	Coil coating
2	Rubbers	Continuous belt
3	Plastics	Ceramic coating
4	Ceramics	Dispersion coating
5		Dip spin coating
6		Extrusion coating
7		Electrostatic powder
8		Flame coating
9		Fluidized bed
10		Tumble coating
11		Electrostatic liquid
12		Robotic liquid

INDUSTRY NOTES:

Why Coat? – Fluoropolymer coatings can transform any metallic surface to those of a fluoropolymer.

Product Types – By altering the binder (adhesive) resin, cures can be designed that will not harm temperature sensitive substrates, including plastics, wood, and even paper.

Product Size –Tiny valve seats to 50 ft. long rocket casings can be successfully coated. Thousands of small fasteners can be coated at once using dip-spin techniques.

Custom Coaters are located throughout the US, who can do from one to millions of parts as the application demands. Freight costs tend to limit the trading area.

Coatings – The market tends to be served by about 50 formulae, but hundreds of materials are commercially available for special applications.

The Process consists of Cleaning, Coating, and Curing. The choice of how to do each is governed by the needs of the specific application and may vary widely.