

Designers and Manufacturers of Product Decorating Equipment, Automated Systems and Supplies

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Product	Color	Finish
USPG225-19Q	Gold	Glossy
USPG325-20	Gold	Matte
US105-19Q	Silver	Glossy
USPG145-19	Silver	Matte

Recommended Substrates:

- Acrylic
- ABS
- HDPE
- LDPE
- Polypropylene
- Polystyrene

Properties:

- Carrier
 - 48 gauge, 12 micron Polyester
- Application Area
 - Fine, medium and broad coverage
- Abrasion and mar resistance
 - Resistance to scratching and rubbing providing longer product life
- Workability
 - Clean, crisp, flake-free decoration providing improved productivity and decreased post-production clean up
- Chemical Resistance
 - Resists attacks by many consumer chemicals (alcohol, perfume, shampoo, lotion, etc.)

Storage Conditions:

- Atmosphere between 65° - 70°F
- Relative Humidity (RH) – 65%
- Avoid direct sunlight, near open windows, heat, damp surroundings or becoming physically wet

Decorating Parameters:

Parameter	Metal Die	Silicone Die
Machine Temp. Range Setting	275° - 350° F	325° - 425° F
Dwell	0.3 - 0.8 seconds	0.5 - 1.0 seconds
Pressure	40 - 80 PSI	40 - 80 PSI

NOTE: The information noted above refers to the testing parameters used in United Silicone's lab. These parameters should be used as a guideline only. Each machine and application varies, which requires additional production site set-up.

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