INTERNATIONAL SURFACE PREPARATION

5125 Timberlea Blvd
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866-669-6643
Email: sales@ispcltd.com

GRANULATED PLASTIC MEDIA

TYPE I

Formulated for use in soft abrasive finishing and deflashing operations, where maintenance of surface tolerance is of the utmost concern, and the integrity of the substrate cannot be compromised. Surface contamination is removed with no distortion or harm occurring to the base material

TYPE II

A more aggressive media than TYPE I and applicable for a great variety of light industrial cleaning requirements. TYPE II is designed to be used at low pressure settings 15 to 45 psi. It's fast and efficient, yet not damaging for most finishing applications. TYPE II is a cost effective replacement for chemical stripping operations, and makes a superb paint remover. It can reduce, if not totally eliminate, chemical consumption.

TYPE III

Our most aggressive formulation of plastic media. Fast acting, it approaches hard abrasives in its surface finishing capabilities.
TYPE III is not harmful to blast cleaning equipment or cabinetry despite its high degree of aggression. It does not wear out tooling. Substantial savings are realized by eliminating the need to purchase expensive replacement parts.

TYPE V

Designed to solve today's coating removal and surface preparation problems. TYPE V is custom engineered to provide rapid coating removal, minimal substrate abrasion, and high usability. The durability of this product translates into lower media consumption and less dust when blasting.This nonhazardous material may be obtained in Mil-Specgrade and in Premium grade which both meets and exceeds the requirements of MIL-P-85891(A). It is specifically designed to remove coatings from most sheet aluminum, fiberglass and composite surfaces as well as to deburr plastics, ceramics and soft metals.

BENEFITS

- No volatile, toxic chemicals or vapors
- Sharply reduced waste volume and disposal costs
- Lower consumables expense with recyclable media
- Significant reduction in manpower requirements
- Reduced downtime increased revenues
- Reduces component cleaning time dramatically
- Retains clad, anodized, galvanized and phosphated coats
- Faster and safer than chemicals or sanding
- Minimizes equipment maintenance
- No silicosis hazard
- Eliminates metal embrittlement
- Provides superior surfaces for paint adhesion
- Preserves tolerances on parts and tooling
- Non-corrosive - eliminates chemical entrapment concerns
- Leaves body fillers, primers and gel coats intact
- Protects dissimilar metal buffers
- No flash rust after blasting
- No warpage or pitting of hard metals
- Eliminates special handling and storage measures
- Reduces energy consumption

SIZE AVAILABILITY CHART*

Screen	*Mils*	*Inches*
8-12	2.13-1.68	.0937-.0661
12-16	1.68-1.19	.0661-.0469
12-20	1.68-.841	.0661-.0331
16-20	1.19-.841	.0469-.0331
20-30	.841-.595	.0331-.0234
20-40	.841-.420	.0331-.0165
30-40	.595-.420	.0234-.0165
40-60	.420-.250	.0165-.0098
60-80	.250-.177	.0098-.0070

special sizes available on request

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APPLICATIONS INCLUDE:

Aircraft Paint Removal
Removes most types of paint from typical aircraft substrates, while leaving anodized and alclad surfaces intact. Is employed on a wide variety of off-aircraft components - resulting in significant savings over chemicals.

Burr Removal.
Removes light burrs from components while maintaining integrity of finished part.

Composite structures.
Can strip paint and surface coatings from fiberglass, carbon-graphite, epoxy, and other resin rich components without bloom or fiber damage

Die Casting.
Removes light flash from cast components without affecting critical surface dimensions

Engine Components.
Carbon deposits and paint can be easily dry stripped with no wear to critical mechanical dimensions, including aluminum parts.

Ground Vehicle Paint Removal.
Paint is readily removed from auto, truck, railcar, and bus bodies

Paint Rejects.
Can be substituted for chemical stripping. In many applications, major time savings can be realized.Effective on most paint systems including powder coating

Surface Preparation.
Etching circuit boards before printing. Pre-laminate roughening. Pre-paint surface prep on plastics.

Boats.
Bottom paint stripping from aluminum, fiberglass and dense hardwood hulls. Rapid removal of dried barnacles. Cleans brass of oxides and other coatings. Detects and exposes blisters on fiberglass hulls

Clear epoxy optical sensors.
Only media capable of removing resin bleed without opaquing surface. Eliminates individual time-consuming masking requirements

Encapsulated Electronic Parts.
Will not damage delicate parts or mar surfaces. Leaves product surface smear free, ready for identification printing or soldering.

Electronics Deflashing.
Used to remove flash from electronic components and for surface preparation on PCB's

Mold Cleaning.
Readily cleans molds used in rubber, plastic, glass, and die cast molding without affecting surface dimensions. Edges are not radiused, mold life is prolonged, cracks in molds are not smeared over, and flash on parts is reduced.

Lead Frames.
Prepares lead for easier and more uniform tinning and coating procedures. Removes resin bleed without impinging surface.

Plastic Molded Parts.
Effectively removes flash from parting lines on thermoset plastic parts. Removes surface anomalies without damage to the part.

Surface Sealants.
Tenacious sealants and adhesives can be safely removed without damage to the substrate