

Plastic Blast Media (PMB)

Plastic blast media is primarily used for applications that involve cleaning or stripping without affecting the substrate. Plastic medias sold by A&B Deburring meet the requirements of the Mil-85891 specification. Common uses for plastic media include:

- paint removal
- coatings removal
- mold cleaning
- tool cleaning
- plastics deflashing
- cryogenic deflashing
- metal deburring

Plastic blast media is available in the following compositions and sizes:

MIL Type	Composition	Barcoh Hardness	Mohs Hardness
I	Polyester	34-42	3.0
II	Urea	54-62	3.5
III	Melamine	64-72	4.0
V	Acrylic	46-54	3.2 to 3.5

Designation	Inches
12/16	.066 - .047
16/20	.047 - .033
20/30	.033 - .023
30/40	.023 - .017
40/60	.017 - .010

Type I is the softest and least aggressive plastic media. It is primarily used on soft metals, cleaning applications, and for delicate parts such as electronic boards.

Type II is more aggressive and is used for cleaning and stripping of soft metals and fiberglass. It is a very popular media for aerospace, automotive, trucks, and trailers.

Type III is the hardest and most aggressive plastic media. It is used on hard metals, mold cleaning and for difficult to remove paints and primers.

Type V can be used for stripping aircraft, automobiles, trucks, trailers, and motor homes. It is the longest lasting of the medias and can be used instead of Type II where part damage is a possibility.