



## TECHNICAL DATA SHEET

Revision: August 7, 2023

### RockRidge Type III

RockRidge Type III Plastic Media was designed for removal of paint and coatings from aluminium and composite materials without damaging these substrates. There is a vast array of other applications that can use this material and in the hands of a skilled operator large time and cost savings can be achieved against chemical and other forms of stripping. This is our commercially manufactured product made to the same standards as military product but without full first article inspection reports.

The material allows the controlled removal of surface coatings, paint, dirt, flash and burr from a variety of substrates, without damaging or peening the substrate, and at the correct pressures and conditions can achieve as much as a 6-12x recycle usage of the plastic media. This is due to the random 'blocky/angular' shape of the particle, and its thermoset qualities which will not shatter on impact and will rather wear down.

Plastic Medias were initially devised in the mid 1980's by the US Navy & Air Force Research Laboratories, settling on thermoset urea amino products. Our medias are manufactured from prime cured mouldings and comply with the stringent requirements of MIL-P-85891 specifications, from gradation to hardness and composition. We are proud to have one of the world's most efficient plants for producing this product.

For any questions or concerns, please contact RockRidge Abrasives at:  
855-883-6245 or [sales@rockridgeabrasives.com](mailto:sales@rockridgeabrasives.com)

### Typical Physical Characteristics

Abrasive Type	Plastic (Melamine)
Density	1.5 g/cm <sup>3</sup>
Bulk Density	0.7 g/cm <sup>3</sup>
Hardness	3.5- 4 Mohs
Friability	Medium
Recyclability	High
Dust Levels	Very Low
Shape	Angular, Semi-Cubical

### Typical Grades

12/16
12/20
16/20
20/30
20/40
30/40
40/60
60/80

Custom Sizes Available  
Upon Request