

# BLACK BEAUTY® GLASS Abrasives

## Product Specification Sheet

CUSTOMER SERVICE

1-888-733-3646

### Grades

**COARSE:** For industrial applications, bridges, tanks, steel construction and fabrication.

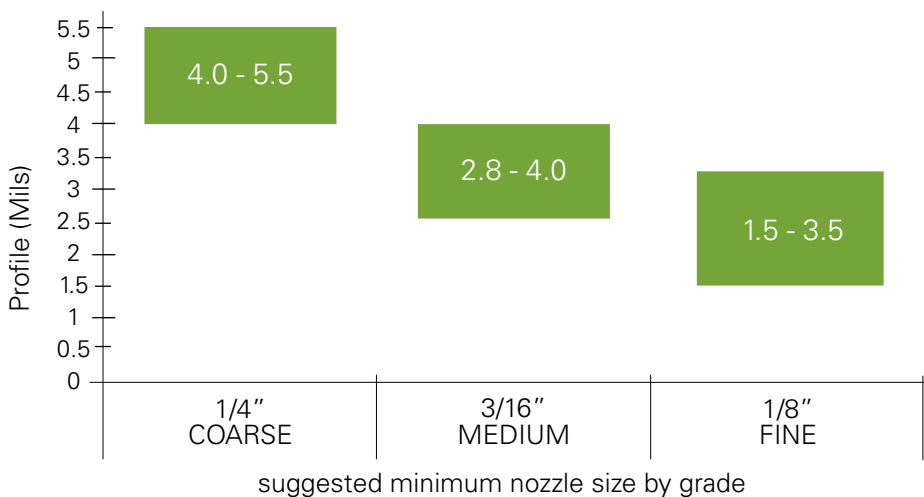
**MEDIUM:** For industrial applications, bridges, tanks, steel construction and fabrications, where a reduced profile is desired.

**FINE:** To clean surfaces and create a smooth finish. Suggested applications include automotive, fiberglass, hobby and soda blast alternative.

### Profile Guide

The guide shows profile ranges achieved with different grades of BLACK BEAUTY® GLASS abrasives with a controlled environment using a blast cabinet designed by Harsco's technical team. The controlled environment consisted of 90-100 psi at the nozzle, nozzle to the surface distance of 18", a 1/4" orifice venturi nozzle, on new 1/8" grade A36 steel, with a blast angle of 75° to 105°.

Some variance in the profile can be noted by the profile ranges even in a controlled environment. Harsco cannot guarantee identical profile results with BLACK BEAUTY® GLASS abrasives in the field where variability exists.



### Features & Benefits

- Less than 1% free silica
- Non-reactive, chemically inert
- Uniform density
- Produces white metal finish
- Increased visibility & production
- Passes 40CFR 261.a (TCLP)
- Passes California Title 17 (CARB)
- QPL Approved: MIL-A-2262B(SH)
- SSPC AB-1

### Product Data

**Low Free Silica...**less than 1%

**Particle Shape...**angular

**Hardness...**6-7 on the Moh's scale

**Bulk Density...**65-85 lbs per cubic foot

**Specific Gravity...**typically 2.5

**Moisture Content...**less than 0.5%

### Chemical Analysis (Typical)

Silicon Dioxide	66-88%
Iron Oxide	<0.5%
Aluminum Oxide	0.0-7.0%
Calcium Oxide	0.0-15%
Magnesium Oxide	0.0-5.0%
Potassium Oxide	0.0-5.0%
Titanium Oxide	0.0-1.0%
Silicon dioxide, crystalline	<1%
Manganese	0.0-0.001ppm
Beryllium	0.0-0.001ppm
Cadmium	0.0-0.001ppm

Specific data may be obtained by contacting Harsco at 1-888-733-3646.