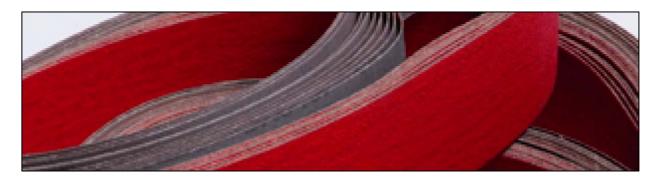


NEW SK855X Ceramic Coated Abrasive Fact Sheet



Backing	 Heavy X-Weight Polyester
Bonding	 Resin over resin with grinding
	additives (Top Size)
Grain/Coating	Ceramic Alumina
Grit Range	24 – 120
Manufactured Width	• 58"
Abrasive Types (forms)	 Narrow and Wide Belts
Raw Material	 Stainless Steel, Titanium and
	Titanium Alloys and
	Superalloys
Sanding/Grinding Operation	Backstand, Powerpack
	Grinders and Swing Frame
Advantages	High cut rate, moderate to
	high pressure applications
	Cool Cut







SK855X TEST REPORTS:



Application: Off-hand Gate Grinding

Machine Type: Hammond Backstand

Workpiece: Stainless Steel Housing for Aerospace components

Products:

VSM's SK855X 36 grit, 1" x 132"

Norton's R980 Blaze 36 grit, 1" x 132"

Test Results:

VSM's SK855X removed 36, 1" gates off of stainless steel housings. Norton's Blaze only removed 24 gates.

Application: Off-hand Gate Grinding

Machine Type: Backstand

Workpiece: Large 40 lb Stainless Steel Casting

Products:

VSM's SK855X 36 grit, 3" x 132" 3M's 977F, 36 grit, 3" x 132"

Test Results:

VSM's SK855X removed the gates off of two stainless steel castings, while the 3M product only removed the gates off of one casting. The operators felt that the VSM SK855X cut cooler than the 3M 977F.

Application: Power Pack Gate Grinding

Machine Type: Custom Built Power Pack Grinder Workpiece: Stainless Steel Investment Castings

Products:

VSM's SK855X 36 grit, 6" x 132" Norton's R980 Blaze 36 grit, 6" x 132" 3M's 987FI Ice 36 grit, 6" x 132" 3M's 977F 36g grit, 6" x 132"

Test Results:

VSM's SK855X -- 340 parts Norton's R980 -- 83 parts 3M's 987FI -- 146 parts 3M's 977F -- 88 parts