

CUMI



COATED ABRASIVES

PRODUCT CATALOGUE



ABOUT CUMI



Carborundum Universal Limited (CUMI), part of the \$5.2 billion Murugappa Group, is a pioneer in coated and bonded abrasives in India and a trusted partner in more than 40 countries, including the U.S. Since 1954, CUMI has evolved into a fully integrated materials science company with expertise in super refractories, electro minerals, and advanced ceramics.

CUMI delivers high-performance abrasive solutions for industries such as construction, automotive, steel, aerospace, energy, and mobility. Backed by strategic global alliances, state-of-the-art manufacturing, and strong R&D, its application support team provides complete engineering and technical assistance. CUMI's unmatched range and quality are supported by a sales network spanning North America, the Middle East, Europe, and South Asia.

4 BUSINESS VERTICALS



ISO CERTIFIED MFG. LOCATION



OVER 20,000 PRODUCTS



PRESENCE IN 6 CONTINENTS



SOLD IN OVER 40+ COUNTRIES



Making a Material Difference, Since 1954.

Empowering Millions everyday to design, create, and finish with perfection



BELTS

CERAMIC & ZIRCONIA

YS 591



Jumbo Width (mm)

1380

Backing

Y Weight Polyester

Coating

Close Coat

Grain Type

Ceramic

Grit Range

24-120

Best Suited for- Material

Inconel, Super Alloys, Stainless Steel, Carbon Steel



Top Coat For Cooler Cutting

YS 592



Jumbo Width (mm)

1380

Backing

Heavy Duty - Polyester

Coating

Close Coat

Grain Type

Ceramic

Grit Range

24-120

Best Suited for- Material

Steel (MS/SS), High Carbon Steel, Titanium, Super Alloys.



Top Coat For Cooler Cutting

XS 581



Jumbo Width (mm)

1380

Backing

Heavy-duty Polyester

Coating

Close Coat

Grain Type

Zirconia Alumina

Grit Range

36-120

Best Suited for- Material

Steel (MS/SS), Non Ferrous, High Carbon Steel, Hardwood floor, Wood

ZS 583



Jumbo Width (mm)

1380

Backing

Heavy Duty - Polyester

Coating

Close Coat

Grain Type

Zirconia Alumina

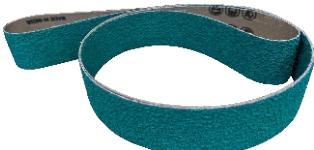
Grit Range

24-120

Best Suited for- Material

Steel (MS/SS), Non Ferrous, High Carbon Steel

ZS 585



Jumbo Width (mm)

1380

Backing

Y Weight Polyester

Coating

Close Coat

Grain Type

Zirconia Alumina

Grit Range

24-120

Best Suited for- Material

Steel (MS/SS), High Carbon Steel, Titanium.



Top Coat For Cooler Cutting



BELTS

ALUMINIUM OXIDE & SILICON CARBIDE



YS 562

Jumbo Width (mm)	1380
Backing	Polycotton
Coating	Close Coat
Grain Type	Premium Aluminium Oxide
Grit Range	36-120
Best Suited for- Material	Steel, High Carbon Steel, Non Ferrous

YS 575

Jumbo Width (mm)	1380
Backing	Polyester
Coating	Semi-open Coat
Grain Type	Silicon Carbide - Antistatic
Grit Range	24-220
Best Suited for- Material	Wood, MDF, Particle Board



YS 549

Jumbo Width (mm)	1380
Backing	Polycotton
Coating	Semi-open Coat
Grain Type	Premium Aluminium Oxide
Grit Range	40-320
Best Suited for- Material	Steel, High Carbon Steel, Non Ferrous, Wood

YW 571

Jumbo Width (mm)	1380
Backing	Y - Weight Polyester
Coating	Close Coat
Grain Type	Silicon Carbide
Grit Range	60-400
Best Suited for- Material	Steel, Stainless Steel, Glass





FLAP DISCS

CERAMIC & ZIRCONIA



XD 599+

Jumbo Width (mm)	1380
Backing	X Weight Premium Polycotton
Coating	Semi-open Coat
Grain Type	Ceramic
Grit Range	40-120
Best Suited for- Material	Steel (MS/SS), Titanium, Super Alloys



Top Coat For Cooler Cutting



XD 583C

Jumbo Width (mm)	1380
Backing	X Weight Premium Polycotton
Coating	Semi-open Coat
Grain Type	100% Zirconia
Grit Range	24-120
Best Suited for- Material	Steel, Stainless Steel, Titanium, Super Alloys

ALUMINIUM OXIDE



XD 581C

Jumbo Width (mm)	1380
Backing	X Weight Polycotton
Coating	Semi-Open Coat
Grain Type	Zirconia Alumina
Grit Range	40-120
Best Suited for- Material	Steel, Stainless Steel & High Carbon Steel



XS 561

Jumbo Width (mm)	1380
Backing	Y Weight Polycotton
Coating	Close Coat
Grain Type	Premium Aluminium Oxide
Grit Range	40-120
Best Suited for- Material	Steel, Stainless Steel & FRP



FIBER DISCS

CERAMIC & ZIRCONIA



VR 599

Jumbo Width (mm)	1440
Backing	0.85/0.8 mm Fiber
Coating	Close Coat
Grain Type	Ceramic
Grit Range	24-120
Best Suited for- Material	Steel, Stainless Steel, Super Alloys

ALUMINIUM OXIDE



VR/FR 543

Jumbo Width (mm)	1440
Backing	0.8/0.6 mm Fiber
Coating	Semi-open Coat
Grain Type	Aluminium Oxide - Standard
Grit Range	24-120
Best Suited for- Material	Steel, Wood



VR 589

Jumbo Width (mm)	1440
Backing	0.85/0.8 mm Fiber
Coating	Close Coat
Grain Type	Zirconia Alumina
Grit Range	24-120
Best Suited for- Material	Steel, Stainless Steel

VR/FR 561

Jumbo Width (mm)	1440
Backing	0.8/0.6 mm Fiber
Coating	Close Coat
Grain Type	Premium Aluminium Oxide
Grit Range	24-120
Best Suited for- Material	Steel, Stainless Steel

PAPER



HOOK & LOOP DISCS

FP 567



Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Semi-open Coat
Grain Type	Premium Aluminium Oxide
Grit Range	24-400
Best Suited for- Material	Steel, Filler, Glass Fiber, Wood, Paint, Varnish



FP 592

Ceramic Paper Disc

Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Semi-open Coat
Grain Type	Ceramic
Grit Range	24-120
Best Suited for- Material	Wood, Varnish, Hardwood Floor

DL/CL 560



Jumbo Width (mm)	1400
Backing	C/D Weight latex Reinforced Paper
Coating	Semi-open Stearated Coat
Grain Type	Premium Aluminium Oxide
Grit Range	40-600
Best Suited for- Material	Auto Body, Wood, Steel, Stainless Steel Paint, Composites

FILM

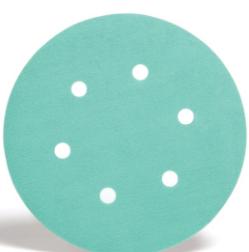


FP/EP 574

SiC Paper Disc

Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Open Coat
Grain Type	Silicon Carbide
Grit Range	24-120
Best Suited for- Material	Stone, Wood, Non-Ferrous Metals

AF 561



Jumbo Width (mm)	1420
Backing	Film
Coating	Semi-open Coat
Grain Type	Premium Aluminium Oxide
Grit Range	40-2000
Best Suited for- Material	Autobody, Steel, Wood, Paint, Composites



ROLLS

CLOTH



JF 565+

Jumbo Width (mm)	1380
Backing	J - Weight Polycotton (Flexible)
Coating	Semi-open Coat
Grain Type	Premium Aluminium Oxide
Grit Range	60-600
Best Suited for- Material	Steel, Stainless Steel, Non Ferrous, Wood



JG 243

Jumbo Width (mm)	1400
Backing	J - Weight Cotton (Shop Roll)
Coating	Semi-open Coat
Grain Type	Aluminium Oxide
Grit Range	36-600
Best Suited for- Material	Steel, Paint, Wood



XS 542

Jumbo Width (mm)	1550
Backing	Cotton
Coating	Semi-open Coat
Grain Type	Aluminium Oxide
Grit Range	50-120
Best Suited for- Material	Steel, Stainless Steel, Paint, Wood



JG 502

Jumbo Width (mm)	1550
Backing	J - Weight Cotton
Coating	Semi-open Coat
Grain Type	Aluminium Oxide
	60-600
Best Suited for- Material	Steel, Paint, Wood



FP 567

Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Semi-open Coat
Grain Type	Premium Aluminium Oxide
Grit Range	60-600
Best Suited for- Material	Steel, Body Filler, Wood, Paint

SHEETS



CL 567

Jumbo Width (mm)	1350
Backing	C/B Weight Latex Paper
Coating	Semi-open Coat
Grain Type	Premium Aluminium Oxide
Grit Range	80-600
Best Suited for- Material	Wood, Paint, Filler, Varnish, Lacquer, Composites

SHEETS



CL 577

Jumbo Width (mm)	1350
Backing	C Weight latex Paper
Coating	Close Coat
Grain Type	Silicon Carbide
Grit Range	80-2000
Best Suited for- Material	Paint, Filler, Varnish, Lacquer, Composites



FLAP WHEELS

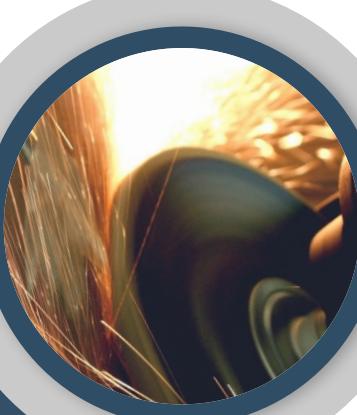
XF 569

Jumbo Width (mm)	1400
Backing	Cotton
Coating	Close Coat
Grain Type	Premium Aluminium Oxide
Grit Range	60-600
Best Suited for- Material	Steel, Stainless Steel

XS 569

Jumbo Width (mm)	1400
Backing	Flexible Cotton
Coating	Close Coat
Grain Type	Premium Aluminium Oxide
Grit Range	60-320
Best Suited for- Material	Steel, Stainless Steel, Flexible Applications

FLAP WHEELS





HARDWOOD FLOORING RANGE

CERAMIC & ZIRCONIA



YS 595

Ceramic Cloth Belt

Jumbo Width (mm)	1400
Backing	Y - Weight Heavy Polyester
Coating	Semi-open Coat
Grain Type	Ceramic
Grit Range	24-120
Best Suited for- Material	Hardwood Floor

XS 581

Zirconia Cloth Belt

Jumbo Width (mm)	1380
Backing	X - Weight Polycotton
Coating	Open Coat
Grain Type	Zirconia Alumina
Grit Range	24-120
Best Suited for- Material	Hardwood Floor, Wood



FP 592

Ceramic Paper Disc

Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Semi-open Coat
Grain Type	Ceramic
Grit Range	24-120
Best Suited for- Material	Wood, Varnish, Hardwood Floor



FP 583

Zirconia Paper Disc

Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Semi-open Coat
Grain Type	Zirconia Alumina
Grit Range	24-120
Best Suited for- Material	Wood, Paint, Varnish, Hardwood Floor

FP/EP 574

SiC Paper Disc

Jumbo Width (mm)	1450
Backing	F - Weight Paper
Coating	Open Coat
Grain Type	Silicon Carbide
Grit Range	24-120
Best Suited for- Material	Stone, Wood, Marble



MANUFACTURING EXCELLENCE

At CUMI's world-class coated abrasives facility in Sriperumbudur, near Chennai, technology and precision meet scale. Spread across 22 acres, this zero-discharge plant delivers over 30 million square meters of abrasives annually—sheets, rolls, fibre discs, flap discs, mops, and belts—serving industries worldwide. Equipped with Peter Schwabe makers and advanced conversion systems, the facility is TPM-certified and recognized for quality, safety, and sustainability.

At its core, the Surface Technology Centre (STC) drives innovation, using advanced testing and simulation to replicate real-world conditions and ensure peak performance. CUMI is not just a manufacturer—it's a solutions partner, combining deep technical expertise and application engineering to deliver customized abrasive solutions that help businesses perform and grow.





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