



# COATED ABRASIVES

PRODUCT CATALOGUE



## ABOUT CUMI



Carborundum Universal Limited (CUMI), part of the \$9 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  
5 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 593



|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Jumbo Width (mm)          | 1380                                                 |
| Backing                   | YY Weight Polyester                                  |
| Coating                   | Close Coat                                           |
| Grain Type                | Ceramic & Zirconia Blend                             |
| 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                   | YY Weight 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

### ZS 585



|                           |                                             |
|---------------------------|---------------------------------------------|
| Jumbo Width (mm)          | 1380                                        |
| Backing                   | YY Weight Polyester                         |
| Coating                   | Close Coat                                  |
| Grain Type                | Zirconia Alumina                            |
| Grit Range                | 24-120                                      |
| Best Suited for- Material | Steel (MS/SS), High Carbon Steel, Titanium. |

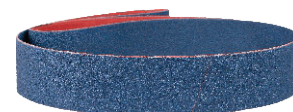
Top Coat For Cooler Cutting

### ZS 583



|                           |                                               |
|---------------------------|-----------------------------------------------|
| Jumbo Width (mm)          | 1380                                          |
| Backing                   | YY weight Polyester                           |
| Coating                   | Close Coat                                    |
| Grain Type                | Zirconia Alumina                              |
| Grit Range                | 24-120                                        |
| Best Suited for- Material | Steel (MS/SS), Non Ferrous, High Carbon Steel |

### XS 581



|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Jumbo Width (mm)          | 1380                                                                |
| Backing                   | X Weight Polycotton                                                 |
| Coating                   | Close Coat                                                          |
| Grain Type                | Zirconia Alumina                                                    |
| Grit Range                | 24-120                                                              |
| Best Suited for- Material | Steel (MS/SS), Non Ferrous, High Carbon Steel, Hardwood floor, Wood |

# BELTS

## ALUMINIUM OXIDE & SILICON CARBIDE

### YS 562



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

### YS 575



|                           |                              |
|---------------------------|------------------------------|
| Jumbo Width (mm)          | 1380                         |
| Backing                   | Y Weight 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                   | X Weight Polyester                    |
| Coating                   | Close Coat                            |
| Grain Type                | Premium Aluminium Oxide               |
| Grit Range                | 24-400                                |
| Best Suited for- Material | Steel, High Carbon Steel, Non Ferrous |

### YW 571



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



## 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            |



### YR 542

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

## PAPER



### JG 502

|                           |                       |
|---------------------------|-----------------------|
| Jumbo Width (mm)          | 1550                  |
| Backing                   | x - Weight Polycotton |
| Coating                   | Open Coat             |
| Grain Type                | Aluminium Oxide       |
| Grit Range                | 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                | 24-500                                           |
| Best Suited for- Material | Steel, Filler, Wood, Glass Fiber, Paint, Varnish |



## 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 |

#### 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 |

### 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/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



### 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 |

## HOOK & LOOP DISCS



### 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

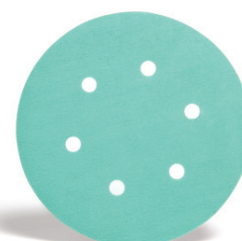
### FP/EP 574

#### 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, Marble |



### SF 561



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

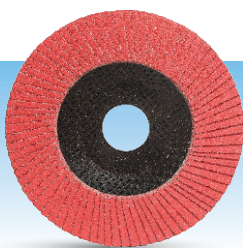


## FLAP DISCS

### CERAMIC & ZIRCONIA



#### XD 599+



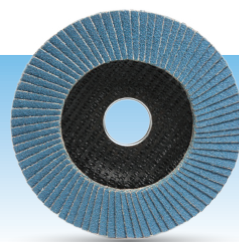
|                           |                                       |
|---------------------------|---------------------------------------|
| Jumbo Width (mm)          | 1380                                  |
| Backing                   | X Weight Premium Polycotton           |
| Coating                   | Semi-Open Coat                        |
| Grain Type                | Ceramic                               |
| Grit Range                | 36-120                                |
| 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                   | Open Coat                                      |
| Grain Type                | 100% Zirconia                                  |
| Grit Range                | 24-120                                         |
| Best Suited for- Material | Steel, Stainless Steel, Titanium, Super Alloys |

#### XD 581C



|                           |                                            |
|---------------------------|--------------------------------------------|
| Jumbo Width (mm)          | 1380                                       |
| Backing                   | X Weight Polycotton                        |
| Coating                   | Semi-Open Coat                             |
| Grain Type                | Zirconia Alumina                           |
| Grit Range                | 36-120                                     |
| 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 |

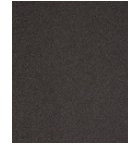
## SHEETS

### 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 |

### 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 |

### CL 572



|                           |                                     |
|---------------------------|-------------------------------------|
| Jumbo Width (mm)          | 1350                                |
| Backing                   | Flexible Latex Paper                |
| Coating                   | Semi-open                           |
| Grain Type                | Silicon Carbide                     |
| Grit Range                | 80-600                              |
| Best Suited for- Material | Paint, Primary, and Putty surfaces. |

### CR 661



|                           |                         |
|---------------------------|-------------------------|
| Jumbo Width (mm)          | 1350                    |
| Backing                   | C Weight Paper          |
| Coating                   | Open Coat               |
| Grain Type                | Premium Aluminium Oxide |
| Grit Range                | 60-220                  |
| Best Suited for- Material | Wood, Wall              |



## FLAP WHEELS

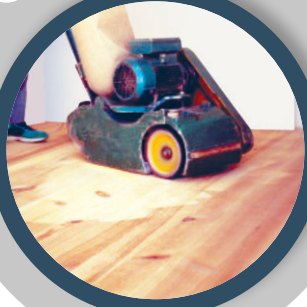
### XF 569

|                           |                         |
|---------------------------|-------------------------|
| Jumbo Width (mm)          | 1400                    |
| Backing                   | Cotton                  |
| Coating                   | Semi-Open 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 |

## SHEETS



## 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 HF

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  |

### SILICON CARBIDE

#### 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 |

#### XM 574

Sic Cloth Disc/Belt



|                           |                      |
|---------------------------|----------------------|
| Jumbo Width (mm)          | 1380                 |
| Backing                   | X - Weight Cotton    |
| Coating                   | Open Coat            |
| Grain Type                | Silicon Carbide      |
| Grit Range                | 24-120               |
| Best Suited for- Material | Hardwood Floor, Wood |

#### 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

CUMI Abrasives operates ten advanced manufacturing facilities across India and strategic locations worldwide, enabling a deep understanding of diverse markets and customer needs. This global footprint ensures high-quality, tailored solutions for industries across the globe.

With a comprehensive portfolio of bonded and coated abrasives, CUMI combines cutting-edge technology with innovative processes to deliver unmatched precision, reliability, and performance. At the forefront of this innovation is the **Surface Technology Centre (STC)** - a hub for advanced testing, simulation, and real-time prototyping. By replicating real-world conditions, STC guarantees first-time-right solutions with exceptional accuracy and efficiency. More than a manufacturer, CUMI serves as a trusted solutions partner, leveraging technical expertise and application engineering to create customized abrasive solutions that help businesses achieve operational excellence and growth.



## VERSATILE PRODUCT RANGE

Multi-industry solutions across paper, cloth, fibre, and film backings engineered for consistent performance across applications.

## OWN GRAINS

In-house aluminium oxide, silicon carbide, zirconia, and ceramic grains backed by backward-integrated minerals for stable, traceable performance control from source to finish.

## ADVANCED BOND TECHNOLOGY

Advanced resin and coating systems enable controlled coat weight validated through STC simulation and diagnostic testing for repeatable precision.

## CONVERTER-READY JUMBO ROLLS

Built on the same grain, bond, and backing expertise to deliver high-stability conversion and clean slitting.



### THE CUMI ADVANTAGE



70+ Years  
Manufacturing Legacy



Vertically  
Integrated Operations



Cutting-Edge  
R&D and Innovation



Presence in  
50+ Countries



Global Dealer  
Network



## **CARBORUNDUM UNIVERSAL LIMITED**

**CUMI America Inc.,**  
1301 Aviation Blvd, Ste 200,  
Hebron, KY 41048  
Phone: +1 (859) 962-7931  
Email: [sales@cumiusa.com](mailto:sales@cumiusa.com)

**CARBORUNDUM UNIVERSAL LIMITED**  
'Dare House', No.234, N.S.C.Bose Road,  
Parrys, Chennai - 600001.  
Tamil Nadu, India  
[globalsupport@cumi.murugappa.com](mailto:globalsupport@cumi.murugappa.com)



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