



# NON WOVEN ABRASIVES

ENGINEERING  
SURFACES

PRODUCT  
CATALOGUE



**CARBORUNDUM UNIVERSAL LIMITED**

ABOUT CUMI

Carborundum Universal Limited (CUMI), is a part of the US \$4.6 billion conglomerate Murugappa Group. The company pioneered the manufacture of Bonded Abrasives and Coated Abrasives in India.

CUMI manufactures the complete range of Vitrified, Resinoid and Rubber Bonded products for various industrial applications: Cylindrical Grinding, Centerless Grinding, Surface Grinding, Face Grinding and complete range of Coated Products; Abrasive Paper, Fibre Discs, Rolls, Flap Discs, Non woven and Flap wheels.

Our products address various types of industries: Automobile OEM, Auto Components, Steel, Bearing, Foundry, General Engineering, Aerospace and Wood. We also have unique products for Ball Grinding, Ball lapping, Roll Grinding, etc.

CUMI's strong R&D and application support team provide complete grinding system engineering and technical support to customers. With strategic global alliances, state of the art manufacturing facilities and sales support centres that span across North America, Europe, Russia, South Africa, India, China and Australia, CUMI has achieved a reputation for quality and innovation.

CUMITEX NON-WOVEN ABRASIVES

CUMI's "CUMITEX" range of non-woven abrasive products for high performance polishing, blending, deburring, cleaning and finishing applications. Cumitex non-woven abrasives are three dimensional composite materials made from high tenacity **Polyamide 6,6** fibers uniformly coated with high performance abrasive grains and water proof bond.

HAND PADS & ROLLS - PRODUCT RANGE

PRODUCT SELECTION CHART	Cutting Action		High						Low
			Coarse			Fine			Fine
	High	Coarse	Grit	Very Heavy Duty	Heavy Duty	Medium Duty	Light Duty	Very Mild Duty	
			Medium	Alo Medium					
			Fine		CX 05   CX 06				
			Very Fine			CX 01	Cumitex Super, DX 13		
Low	Fine		Ultrafine						CX 04
			Microfine						CX 03

## LIGHT DUTY INDUSTRIAL MAROON HAND PADS & ROLLS

For General Purpose Sanding & Finishing



### DIMENSIONS

Hand Pads : 152mm X 230mm\*  
Rolls : 152mm X 20m\*  
Thickness : 8-10mm

\* Other sizes available on request

### FEATURES

- o Premium Quality Nylon Fiber
- o Premium Bond System
- o High Performance Alo grain

### BENEFITS

- o Superior Flexibility for working on contours
- o Non Clogging
- o Superior finish
- o Uniform Cutting action throughout life
- o Soft on hands

### APPLICATIONS

- o General Purpose Cleaning
- o Rust and Oxide removal
- o Maintenance & Repairs Operations
- o Polishing of Ceramic ware
- o De Fuzzing of Wood

## MEDIUM DUTY INDUSTRIAL MAROON HAND PADS & ROLLS

For Aggressive Cut & Longer Life



### DIMENSIONS

Hand Pads : 152mm X 230mm\*  
Rolls : 152mm X 20m\*  
Thickness : 10-12mm

\* Other sizes available on request

### FEATURES

- o Open 3- D coating of grains
- o High Density of grains
- o Double- side coating
- o Premium Quality high GSM Fiber

### BENEFITS

- o Consistent cutting with long life
- o Non Loading
- o Can be used for both wet & dry applications
- o Ideal for both manual & machine sanding

### APPLICATIONS

- o For Sunray finish on Aluminum & SS Utensils
- o Rust & Oxide removal
- o Finishing Ceramic ware before curing
- o Light Deburring of metal components

## HEAVY DUTY INDUSTRIAL MAROON HAND PADS & ROLLS

For Superior Cutting Action & Material removal

BEST

CX05 / CX06\*



\* CX06 - Available in green colour

DIMENSIONS

Hand Pads : 152mm X 230mm\*  
Rolls : 152mm X 20m\*  
Thickness : 10-12mm

\* Other sizes available on request

FEATURES

- o Tough Nylon Fiber
- o Uniform grain coating
- o Very high density

BENEFITS

- o Consistent cutting with long life
- o Non Loading
- o Can be used for both wet & dry applications
- o Ideal for machine sanding applications

APPLICATIONS

- o Coarse to Fine finish on metals
- o Conversion to Non-Woven & Interleaved Mops
- o Finishing Brass utensils & components.

## VERY HEAVY DUTY INDUSTRIAL HAND PADS & ROLLS

For Superior Cutting Action & Extended Life

BEST

CUMITEX ALO MEDIUM



DIMENSIONS

Hand Pads : 152mm X 230mm\*  
Rolls : 152mm X 20m\*  
Thickness : 7-8mm

\* Other sizes available on request

FEATURES

- o Superior Nylon Fiber
- o High density of grains
- o Medium Alo. grains

BENEFITS

- o Suitable for tough applications
- o Uniform & Aggressive cutting action
- o High stock removal
- o Ideal for manual & machine sanding

APPLICATIONS

- o Blending & Deburring
- o Surface preparation
- o Finishing Sanitary ware
- o Coatings, Paints & Corrosion removal

## MILD DUTY INDUSTRIAL HAND PADS & ROLLS

For Fine Finish on Metal & Non Metal

**BEST**

**CX03 / CX04**



**DIMENSIONS**

**Hand Pads : 152mm X 230mm\***  
**Rolls : 152mm X 20m\***  
**Thickness : 7-8mm**

\* Other sizes available on request

**FEATURES**

- Highly Flexible design
- Very Fine grains
- Low density
- Non Clogging

**APPLICATIONS**

- Architectural metal works
- Generating glossy finish on metal
- Auto After & Paint Shop

**BENEFITS**

- High conformance to contours
- Suitable for both wet & dry applications
- Ideal for manual & machine sanding

## NON WOVEN SPINDLE MOPS

For Finishing Stainless Steel Surfaces

**BEST**

**CUMITEX SPINDLE MOPS**



**DIMENSIONS**

**Dia. : 25, 40, 50, 100 mm\***  
**Thickness : 25, 50 mm\***  
**Spindle Dia : 6 mm**  
**Grit : 60, 80, 120**  
**Density : Medium, Very Fine**

\* Other sizes available on request

**FEATURES**

- Durable design
- Available in abrasives / Nonwoven interleaved
- Medium, Fine, Very Fine grits

**APPLICATIONS**

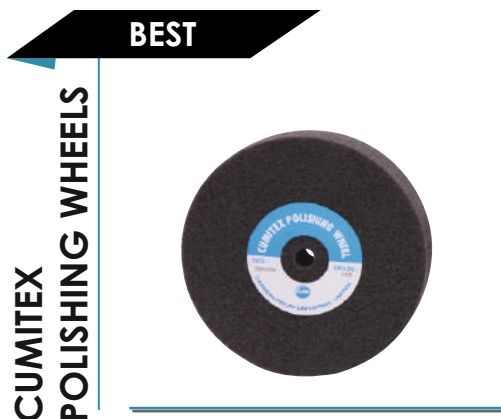
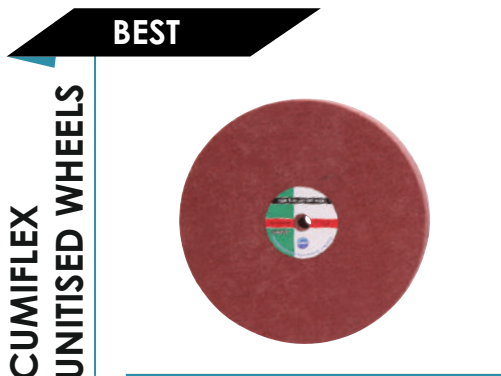
- Blending weld marks
- Generate satin finish
- ID Finishing

**BENEFITS**

- Designed for high speed operations
- Uniform finish
- Used with Pneumatic / Electrical Die grinders
- Access hard to reach areas

## UNITISED & POLISHING WHEELS

For Polishing & Finishing Metals



### DIMENSIONS

**Dia. :** 6", 8", 10" & 12"\*  
**Thickness :** 1" & 2"\*  
**Bore :** 16mm  
**Density :** U0, U1, U3, U5 & U8\*

\* Other sizes available on request

### FEATURES

- Open 3-D Structure
- Very Fine Grains
- High quality Nylon Fiber
- Superior Adhesion

### BENEFITS

- Available in different sizes
- Suitable for wet & dry applications
- Anti-Clogging
- Uniform Finish throughout life

### APPLICATIONS

- Blend N Polish on SS, Brass & Copper
- Hairline finish on metals
- To impart decorative finish
- Light de burring applications



### APPLICATIONS

- Blending scratch marks of Flap disc & Fiber disc
- Matt finish on SS
- Light de burring

### DIMENSIONS

**Dia. :** 100 mm  
**Thickness :** 13 mm  
**Bore :** 16 mm  
**Density :** U1, U3, U5 & U8

### FEATURES

- Highly durable design
- Premium Nylon Fiber
- Open 3-D structure
- Very fine grains

### BENEFITS

- Uniform cut throughout life
- Conforms to contours
- Glossy Finish

## CUMITEX UNITISED DISC

For Blending & Finishing Applications on SS



## CUMITEX QUICK CHANGE SCM DISC

For Blending & Finishing Contours



### DIMENSIONS

Dia. : 2", 3"  
Density : Coarse, Medium & Very Fine

### FEATURES

- o High strength adhesion
- o 3-D design
- o Open web construction

### BENEFITS

- o Provides flexibility while operation
- o Consistent finish throughout life
- o Aggressive de burring

### APPLICATIONS

- o Blending of weld marks
- o Removing surface imperfection
- o Paint & Oxide removal
- o Generating Sating to mirror finish

## FLOOR CLEANING PADS

For Scrubbing & Polishing



**TK BLACK**  
Stripping Pads

- o Heavy duty scrubbing
- o Suitable for rough industrial floors



**TK GREEN**  
Scrubbing Pads

- o Wet & heavy duty scrubbing pads
- o Suitable for concrete and irregular floors



**TK RED**  
Buffing Pads

- o Dry buffing & spray buffing on all types of floors
- o Suitable for light duty scrubbing on marbles



**TK WHITE**  
Polishing Pads



**TK BLUE**  
Polishing Pads

- o For dry polishing & polishing with mist
- o Suitable for high gloss on marbles and granite

### DIMENSIONS

Dia. : 16", 17", 18", 19", 20"

### FEATURES

- o Backing: Nylon Fiber
- o Bond Type: Synthetic water proof resin bond
- o Coating: Multi coat

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