



# 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	Coarse	Fine
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	
	Ultrafine				CX 04	
Microfine					CX 03	

## LIGHT DUTY INDUSTRIAL MAROON HAND PADS &amp; ROLLS

For General Purpose Sanding &amp; Finishing



GOOD



BEST



BEST

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

DIMENSIONS

Hand Pads : 152mm X 230mm\*

Rolls : 152mm X 20m\*

Thickness : 8-10mm

\* Other sizes available on request

FEATURES

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

BENEFITS

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

APPLICATIONS

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

## MEDIUM DUTY INDUSTRIAL MAROON HAND PADS &amp; ROLLS

For Aggressive Cut &amp; Longer Life



BEST

DIMENSIONS

Hand Pads : 152mm X 230mm\*

Rolls : 152mm X 20m\*

Thickness : 10-12mm

\* Other sizes available on request

FEATURES

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

BENEFITS

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

## HEAVY DUTY INDUSTRIAL MAROON HAND PADS &amp; ROLLS

For Superior Cutting Action &amp; Material removal

## BEST



CX05 / CX06\*

\* CX06 - Available in green colour

## APPLICATIONS

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

## DIMENSIONS

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

\* Other sizes available on request

## FEATURES

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

## BENEFITS

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

## VERY HEAVY DUTY INDUSTRIAL HAND PADS &amp; ROLLS

For Superior Cutting Action &amp; Extended Life

## BEST



CUMITEX ALO MEDIUM

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

## DIMENSIONS

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

\* Other sizes available on request

## FEATURES

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

## BENEFITS

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

APPLICATIONS

## MILD DUTY INDUSTRIAL HAND PADS &amp; ROLLS

For Fine Finish on Metal &amp; Non Metal

BEST



CX03 / CX04

APPLICATIONS

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

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

BENEFITS

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

BEST



CUMITEX SPINDLE MOPS

APPLICATIONS

- Blending weld marks
- Generate satin finish
- ID Finishing

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

BENEFITS

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

CUMIFLEX  
UNITISED WHEELS

BEST

CUMITEX  
POLISHING WHEELS

BEST

CUMITEX  
UNITISED DISC

BEST



## APPLICATIONS

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

## 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

## CUMITEX UNITISED DISC

For Blending & Finishing Applications on SS

## 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 QUICK CHANGE SCM DISC

For Blending &amp; Finishing Contours

BEST



ROLOC DISC

DIMENSIONS

Dia. : 2", 3"

Density : Coarse, Medium &amp; Very Fine

FEATURES

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

BENEFITS

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

APPLICATIONS

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

## FLOOR CLEANING PADS

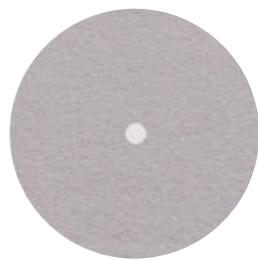
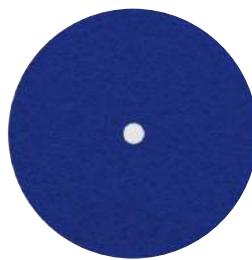
For Scrubbing &amp; Polishing

TK BLACK  
Stripping PadsTK GREEN  
Scrubbing PadsTK RED  
Buffing Pads

- Heavy duty scrubbing
- Suitable for rough industrial floors

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

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

TK WHITE  
Polishing PadsTK BLUE  
Polishing Pads

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

DIMENSIONS

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

FEATURES

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

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