

CUMI

INDUSTRIAL PRODUCTS REFERENCE LIST





CARBORUNDUM UNIVERSAL LIMITED

Carborundum Universal Limited (CUMI) founded in 1954, is a pioneer in the manufacture of coated abrasives and bonded abrasives in India in addition to Super Refractories, Electro Minerals, Industrial Ceramics. It is a part of the Murugappa Group of companies.

CUMI is one of the five manufacturers in the world with fully integrated operations that include mining, fusion, wind and hydropower stations, manufacturing, marketing, and distribution.



4 Business verticals



Over 20,000 Products



Manufactured in 5 countries



Sold in over 50 countries.

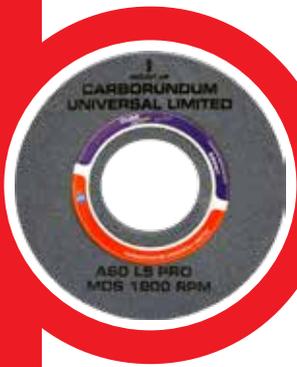
CUMI Abrasives provides a complete range of high-quality abrasive products in both retail and industrial markets for diverse applications like sanding, cutting, grinding, and polishing. Our products are widely used in construction, carpentry, auto, and auto ancillaries, white goods, utensils, hand and power tools, sanitary ware, electrical & electronic equipment, metal fabrication, etc.



VITRIFIED RANGE



VITRIFIED RANGE



VITRIFIED RANGE

Centerless & Cylindrical Grinding Wheels

CUMI's range of Centreless & Cylindrical Grinding Wheels, featuring the versatile and proven bond system V10, as well as the innovative CUMI **PROMAX** range known for its high performance, is available in various sizes and grit combinations. These wheels are well suited for its wide range of materials, ranging from High Tensile soft to challenging-to-grind materials, thanks to characteristics of high fusible and cool-cutting bonds employed.



Grit Range	Operation	Hardness
46, 54	Roughing	Hardness Range : C to Z Softer ← Harder
60, 80	Finishing	

PRODUCT RANGE

Type	Dia Range	Width Range	Bore Range
Centerless	350 – 500 mm (14" to 20")	100 – 250 mm (4" to 8")	127 – 304.8 mm (5" to 12")
Cylindrical	300 – 400 mm (14" to 16")	25 – 75 mm (1" to 2")	76.2 - 203.2 mm (3" to 8")

FOR FERROUS MATERIALS



Range	Grain	Grade	Bond	Recommended Materials	Key Features
Classic	A	L, M, N	V10	High Tensile Steel, EN Series. Low carbon Steel	<ul style="list-style-type: none"> •Excellent form retention •Excellent component finish •Lesser dressing frequency
Classic	A	L, M, N	V2016	Soft & Medium Hardened	<ul style="list-style-type: none"> •Increased Productivity •Higher GR
Premium	A	L, M, N	Endurium	Hardened Steels, Alloy Steels, HSS, Tool Steels	<ul style="list-style-type: none"> •More parts / dress •Increased productivity (20%) •Better Surface Finish •Higher OEE •Lower Power Drawn

FOR NON FERROUS MATERIALS



Grain	Grade	Bond	Recommended Materials	Key Features
CGC	K	VG	Soft Materials – Aluminum, Stainless Steel, all Yellow metals,	<ul style="list-style-type: none"> • Excellent form retention • Excellent component finish • More parts / dress
GC	K	VG	Hard Materials – Tungsten Carbide, Titanium, Hi Nickel,	<ul style="list-style-type: none"> • Burn Free Jobs • Higher Productivity

Tool Room Grinding Wheels

CUMI Tool room grinding wheels find vast applications like cutting and finishing of flat and cylindrical surfaces across tool rooms generally involved in to grinding of auto components, tools, moulds and gauges etc. These products are also used by the manufacture and regrinding of cutting tools like drills, reamers, milling cutters, etc. Operations are carried out on the periphery of plain wheels (Type 1) face of cup wheels (Type 6 & 11) and edges of dish wheels (Type 12). These wheels are of white Aluminium Oxide (AA) Green Silicon Carbide (GC), Pink (RAA) and Brown (A) Aluminium Oxide abrasives. Owing to their friable nature and sharp edge retention properties, CUMI's tool room wheels give very high productivity. An exclusive bond system goes into the design which imparts superior properties.

Product Features & Benefits

- Excellent form retention
- Better Surface finish
- Dimensional accuracy
- Burn Free Finish

PRODUCT RANGE

Grain	Dia (mm)	Thickness (mm)	Grit	Hardness	Structure
A	100-350	3-25	46-120	H-L	5
AA	80-250	3-25	46-180	H-L	5
GC	100-250	3-25	46-220	H-L	5
RAA	100-250	3-25	46-220	H-L	6



Type 1



Classic	Promax
A46/54 K5 V10	
AA46/54 K5 V8	AA46/54 K5 CUMI Premium
AA60 K5 V8	AA60 K5 CUMI Premium
GC60 K5 VG	
GC60 K5 VP	
GC80 K5 VG	
GC80 K5 VP	
RAA46/54 K6 V206	
RAA46/54 J6 V206	

PRODUCT RECOMMENDATIONS

Normal Speed of Operation - 25 to 33 m/s

Material	Grading
High Speed Steels	AA46 / 54 K5 V8
Tools Steels	AA46 / 54 K5 V8
High Alloy Steels	AA60 J5 V8
Tungsten Carbide	GC60 K5 VG
Special Tool Steels	RAA60 K6 V206

CUMI PROMAX Tool Room Wheel : BEYOND YOUR IMAGINATION...



The newly launched Promax series, specifically the Premium line, is engineered to deliver a minimum of 20% longer wheel life for both soft and hardened components compared to previous offerings. These premium tool room wheels are branded as CUMI **PROMAX** and are equipped with Endurium Bond Technology, an innovative feature aimed at providing unparalleled performance.

Crafted using cutting-edge manufacturing techniques, CUMI wheels are designed to offer unmatched precision, exceptional finish quality, and cool cutting capabilities. These attributes are crucial for ensuring ultimate productivity in various machining applications.

The performance of the PROMAX series is touted to exceed expectations, making it the preferred choice for excellent engineers and machinists who require highly precise outputs in their operations.

Crankshaft Grinding Wheels

CUMI's Crankshaft grinding wheels are crafted using specialized, high-performance bond systems through a unique manufacturing process, rendering them exceptionally cost-effective. Beyond enhancing grinding efficiencies, these wheels deliver superb surface finishes, thereby reducing the need for Lapping tapes in subsequent operations. Additionally, CUMI offers dual-grade, sandwich wheels tailored for grinding crankshafts with varying degrees of hardness in diameter and fillet radius, enabling surface speeds of up to 60 meters per second.

The recently introduced 12A series boasts a notable increase in material removal rate, surpassing 25% without causing grind injuries, even on fillet-hardened crankshafts.

Application: Journal Grinding, Shank Grinding, Pin Grinding, Flange Grinding

Mounting Type: Single Wheel Mounting, Pair Wheel, Multi-Set (Gang Grinding)

Product Features: • Better form retention • Free Cutting • Higher Life • Better Surface Finishing



Type 1



PRODUCT RANGE

Abrasive	Grit Range	Hardness	Dia Range	Thickness Range	
A	46 – 60	L	600 – 915 mm	16 – 50 mm	For Fillet Soft Cranks
12A	45 – 60	J – L	600 – 915 mm	16 – 50 mm	For Higher Feed rates, lower dressing depth, Fillet Hard Cranks,

Internal Grinding Wheels

CUMI offers a diverse selection of Internal Grinding Wheels designed for precision finishing of component inner diameters to achieve accurate sizing and desired surface finishes. This range encompasses the versatile and proven bond systems V10, V8, and V206, renowned for their high performance. Available in various sizes and grit combinations, these wheels cater to a wide range of applications with exceptional effectiveness.



Type 1



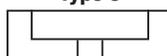
PRODUCT RANGE

Abrasive	Grit Range	Hardness	Dia Range	Thickness Range	Key Features
A, DA	46 – 120	I – O	13 – 110 mm	6 – 50 mm	<ul style="list-style-type: none"> • Excellent form retention • Excellent component finish • Lesser dressing depth
AA	46 – 120	I – O	13 – 110 mm	6 – 50 mm	<ul style="list-style-type: none"> • For Hardened Materials • Cool Cutting • Higher Feed Rates
RAA	46 – 120	I – O	13 – 110 mm	6 – 50 mm	<ul style="list-style-type: none"> • Excellent for Chrome based materials – HSS, Alloy Steels, Tool Steels • Good form retention • Lesser dressing depth • Higher Feed Rates

Straight Cup Wheels



Type 6

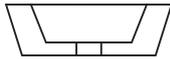


Abrasive	Grit Range	Hardness	Dia Range	Thickness Range	Key Features
A, DA	46 – 60	L – K	20 – 150 mm	20 – 100 mm	<ul style="list-style-type: none"> • Excellent form retention • Excellent component finish • Lesser dressing depth
AA	46 – 60	K	100 – 200	50 - 100	<ul style="list-style-type: none"> • For Hardened Materials • Cool Cutting • Higher Feed Rates
RAA	46 – 120	I – O	13 – 110 mm	6 – 50 mm	<ul style="list-style-type: none"> • Excellent for Chrome based materials – HSS, Alloy Steels, Tool Steels • Good form retention • Lesser dressing depth • Higher Feed Rates
GC	46	K	150	80	• For all Non Ferrous materials

Flaring Cup Wheels



Type 11

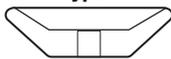


Grain	Grit Range	Hardness	Dia Range	Thickness Range	Key Features
AA	46 – 60	K	88.9 – 101.6	38.1-50.8	<ul style="list-style-type: none"> • For Hardened Materials • Cool Cutting • Higher Feed Rates
RAA	46 – 60	K	101.6	38.1-50.8	<ul style="list-style-type: none"> • Excellent for Chrome based materials – HSS, Alloy Steels, Tool Steels • Good form retention • Lesser dressing depth • Higher Feed Rates
GC	46	K	101.6	38.1	<ul style="list-style-type: none"> • For all Non Ferrous materials

Dish / Saucer Wheels



Type 12



Grain	Grit Range	Hardness	Dia Range	Thickness Range	Key Features
A	60	K	101.6 – 152.4 mm	12.7 – 19.05 mm	<ul style="list-style-type: none"> • Excellent form retention • Excellent component finish • Lesser dressing depth
AA	46 – 60	K	101.6 – 152.4 mm	12.7 – 19.05 mm	<ul style="list-style-type: none"> • For Hardened Materials • Cool Cutting • Higher Feed Rates
RAA	46 – 60	K	101.6 – 152.4 mm	12.7 – 19.05 mm	<ul style="list-style-type: none"> • Excellent for Chrome based materials – HSS, Alloy Steels, Tool Steels • Good form retention • Lesser dressing depth • Higher Feed Rates

SPECIALITIES



Specialities are abrasive stones, sticks, blocks or cylinders of various sizes and cross sections used for sharpening or reconditioning chisels, plane-irons, gauges, knives, scythes, axes, shears and for polishing marble, mosaic, granite etc. These are made specifically to suit particular needs and the use of the right product will ensure both ease and speed in carrying out the sharpening or polishing jobs.

Product Description and Applications

- Combination stone : For general sharpening of knives, chisels
- Dressing wheels : Break control devices used for dressing / opening diamond wheels
- Dressing sticks : Dressing and opening vitrified bonded wheels

Dressing Sticks

Size	Spec	Qty / Pack
150 x 25 x 25	C20 Q VWR	50
150 x 25 x 25	C36 S VG	50

Combination Sharpening Stones



List No.	Size	Qty / Pack
108	200 x 50 x 25	56
109	150 x 50 x 25	60
111	125 x 50 x 25	60
112	100 x 45 x 15	60

Rubbing Bricks



Bricks and Blocks / Rubbing Bricks	Gradings	Qty / Pack
LN57	FINE	20
LN222	EXTRA COARSE	20
LN222	COARSE	20
LN222	MEDIUM	20
LN222	FINE	20
LN222	EXTRA FINE	20
LN222	C46 S VG	20
LN222	C60 S VG	20
LN222	C80 S VG	20
LN222	C100 S VG	20
LN222	C120 S VG	20
LN222	C40 S VG	20
LN222	C36 S VG	20
LN203	ALO	20

Green / Tip Grinding Wheels

These wheels are made with Silicon Carbide Grains and Available in Green(GC) and combination (CGC) grains. Silicon Carbide Abrasives are harder than Aluminium oxide which makes them ideal for grinding low tensile materials like tungsten carbide, grey iron, unannealed malleable iron and non ferrous materials, A special bond system goes into the making which imparts superior properties like : Better Dimensional accuracy, Glossy finish, Burn free grinding



PRODUCT RANGE

Bond	Grain	Dia (mm)	Thickness (mm)	Grit	Hardness	Structure
VG	GC / CGC / C	100 - 250	13 - 40	24 - 220	H - L	5

PRODUCT RECOMMENDATION

Material	Application	Grading
Tool Steel	Surface	GC46H5VG
Tool Steel	Cylindrical	GC60J5VG
Tungsten Carbide	Cylindrical	GC60K5VG
HSS M42	Cylindrical	GC60I5VG
HSS M42	Surface	GC46H5VG

General Purpose - AIO Wheels

CUMI wheels cater to Bench Grinding , low speed snagging and various other general purpose application. These wheels are made of Brown AIO (A) with bonds V6 & V30, thus providing high stock removal rate. Popular grading are Coarse, Medium, Fine & A24R5V6. Product Selection is based on stock removal & finish requirement.



PRODUCT RANGE

Bond	Grain	Dia (mm)	Thickness (mm)	Grit	Hardness	Structure
V6, V30, VS2110, VS1734	A	150 - 450	6 - 40	20 - 80, C, M, F	H - L	5

Saw Sharpening (C Face)

CUMI Saw Sharpening wheels, comprising specially treated Brown Aluminium Oxide, excel in chain saw grinding. With a tailored bond system and sharp abrasive grains, they offer optimal sharpening for various chain types and sizes, along with adjustable grinding angles and depth settings. These wheels boast 25% higher MRR, extended lifespan, and the ability to cut both hard and soft materials. Their easy availability, efficient supply chain, and reduced breakages give them a clear advantage over competition.



PRODUCT RANGE

Grain	Dia (mm)	Thickness (mm)	Bore dia (mm)	Grit	Hardness	Structure
A	100-300	3 - 300	22.23, 31.75, 63.5, 76.2	46-120	H-Q	5

Valve Lapping Compound

Used for polishing of Valve seats and disks



PRODUCT RANGE

List No	Grade	Qty / Pack
276 - 50 Gm	Fine / Coarse	1
360 - 400 Gm	Fine	1
361 - 400 Gm	Medium	1
362 - 400 Gm	Coarse	1
363 - 400 Gm	Extra Coarse	1

RESINOID RANGE



RESINOID / RUBBER RANGE

RESINOID WHEELS



Snagging Wheels

CUMI's Snagging wheels are made with a special brown Aluminium Oxide & Silicon carbide with our unique bond system. Optimized for good cutting action and long life.

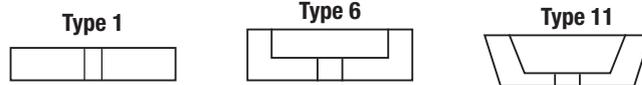


PRODUCT RANGE - PORTABLE SNAGGING WHEEL - 48 MPS

Abrasive	Grit	Hardness	Dia (mm)	Thickness* (max) (mm)	Bond	Type
A, C	16 - 24	Q - R	50 - 200	10 - 100	B	1, 6, 11

PRODUCT RANGE - PEDASTAL & SWING FRAME SNAGGING WHEEL - upto 63 MPS

Abrasive	Grit	Hardness	Dia (mm)	Thickness* (max) (mm)	Bond	Type
A, C, ZA, CA	12 - 16	R - T	300 - 750	25 - 100	B	1



Portable Machine grinding wheels are used for rough grinding of large castings, forgings, welded joints and finishing curved surfaces.

PRODUCT RECOMMENDATIONS



Material	Portable Machine	
	Better Cutting Action	Higher Wheel Life
Carbon Steel and Low Alloy Steel	A163 R5 BM4	A163 R2 BM4
High Alloy and Stainless Steel	A163 Q5 BM4	A163 R5 BM4
Cast Iron	C 163 Q5 B1551	C163 Q3 B1551 / CA163 S3 B1215
SG Iron	A163 R5 BM4	A16 S5 TDR1215
Hi chrome Steel	A163 R5 BM4	A143 R5 BM6

Pedestal and Swing frame grinder machine wheels are suitable for all range of work materials, reinforced layers gives greater strength and will withstand mechanical shock.

PRODUCT RECOMMENDATIONS



Material	PEDESTAL / SWING FRAME Machine	
	Better Cutting Action	Higher Wheel Life
Carbon Steel and Low Alloy Steel	A163 R3 BM4 / A SLEEK	A163 R2 BM4
High Alloy and Stainless Steel	A165 R5 SAMURAI / A143 Q5 BSN821	A143 TD722
Cast Iron	C 163 Q5 B1551	CA163 TDR B1215 / C163 T5 BSG / CA145 TDR505C
SG Iron	A163 R5 BM4	A16 S5 TDR1215
Railway Inserts	A163 S3 B1380	A163 TDR 186
Hi chrome Steel	7A12 O5 B1281	AZA123 TDR1175 /C
Investment Casting	A145 M5 SAMURAI CUT	A145 P5 SAMURAI CUT
Steel Castings	A145 Q7 BA12	A145 S7 BA12
Manganese Steel	14A16 P2 B1322	
Cast Iron & SG Iron	CUMI NXT CAZA143 U BHT54	

HOT PRESS GRINDING WHEELS

High Quality Zirconium Aluminum Oxide grains used in manufacturing of these wheels, it ensures high stock removal rate and excellent wheel life.

PRODUCT RANGE

Abrasive	Grit	Hardness	Dia (mm)	Thickness* (max) (mm)	Type
ZA	8 - 20	U - X	400 - 510	50	1



PRODUCT RECOMMENDATIONS

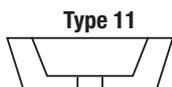
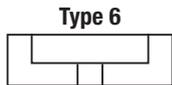
Material	Swing Frame Machine	
	Better Cutting Action	Higher Wheel Life
Alloy Steel (Low & High), Sp Alloy Steels	AZA103 V BHT1	AZA103 W BHT 53
SS 304 , SS 304 L	AZA103 V BHT53	AZA103 W BHT 53
SS 200	AZA103 V BHT50	

Cup Wheels

CUMI's Resin cup wheels are designed for grinding of welded joints of metals and stone by means of portable grinders. Available with threaded nuts.

Product Features & Benefits

- High cutting action
- Smooth running
- Increased life
- No vibrations



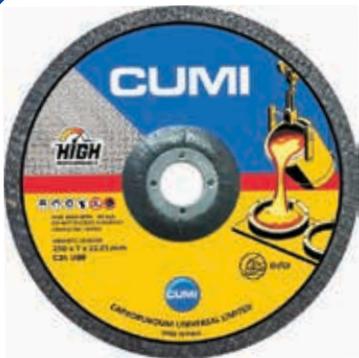
PRODUCT RANGE

Abrasive	Grit	Hardness	Dia (mm)	Thickness* (max) (mm)	Bond	Type
A	12 - 24	R	100 - 152.4	50.8 - 80	BM4	6, 11
C	12 - 24	Q - R	100 - 152.4	50.8 - 80	B1551	6, 11

PRODUCT RECOMMENDATIONS

Material	Portable Machine	
	Better Cutting Action	Higher Wheel Life
Cast Iron	C 163 Q5 B1551	C163 Q3 B1551 / CA163 S3 B1215
SG Iron	A163 R5 BM4	A14 R3 B1215
Hi chrome Steel	A163 R5 BM4	A143 R5 BM6

THIN WHEELS



THIN WHEELS



THIN WHEELS

Cutting Discs & Grinding Wheels

CUMI grinding and cutting discs are produced in state of the art ISO 9001:2000 certified manufacturing facility, with stringent process controls and final product quality checks. By this, not only the best grinding performances are achieved, but also the highest levels of product safety is maintained in accordance with EN 12413 standards.

The uniqueness of the product design allows for the most optimum grinding performance - good cutting action coupled with excellent tool life, consistently throughout the product life. The core strength of CUMI has been the ability to customize products for specific application needs. While this application guide is just a starting point, our engineers are always there to help out with any specific applications or queries.

Cutting Discs



Type 41



Type 41



Type 41

HI CUT PREMIUM

Product Features & Benefits

- More number of cuts
- Easy to cut, better safety

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	3	16	Steel / Stainless Steel
125	3	22.23	Steel / Stainless Steel
180	3	22.23	Steel / Stainless Steel
230	3	22.23	Steel / Stainless Steel

CUMI NXT

Product Features & Benefits

- High performance cutting
- Best for notching & "V" Grooving Superior Cut Rate

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
107	1	16	Steel / Stainless Steel
100	3	16	Steel / Stainless Steel
125	1	22.23	Steel / Stainless Steel
125	3	22.23	Steel / Stainless Steel
180	1.6	22.23	Steel / Stainless Steel
180	3	22.23	Steel / Stainless Steel
180	4	22.23	Steel / Stainless Steel

SAMURAI

Product Features & Benefits

- Fast cutting action
- No clogging

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
107	1	16	Steel
100	3	16	Steel
125	3	22.23	Steel
180	3	22.23	Steel
230	3	22.23	Steel

SLEEK INOX

Product Features & Benefits

- Faster cutting
- Effortless cutting



Type 41

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
107	1	16	Steel / Stainless Steel
100	3	16	Steel / Stainless Steel
125	3	22.23	Steel / Stainless Steel
180	3	22.23	Steel / Stainless Steel
230	3	22.23	Steel / Stainless Steel

SPARK

Product Features & Benefits

- Robust cutting with longer life
- Comfortable cutting & less fatigue
- High safety



Type 41

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	3	16	Steel
125	3	16	Steel
180	3	22.23	Steel
230	3	22.23	Steel

CUMI FLEX INOX

Product Features & Benefits

- Best in class SS cutting
- Superior cutting action
- Low dust



Type 41

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
107	1	16	Stainless Steel
100	2	16	Stainless Steel
125	1	22.23	Stainless Steel
180	1.6	22.23	Stainless Steel
180	2	22.23	Stainless Steel
230	2	22.23	Stainless Steel

CUMI VALUE+ CHOPSAW

Product Features & Benefits

- Faster cutting (10 Sec.)
- No clogging, low dust
- No excessive force required



Type 41

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
300	3	25.4	Steel / Stainless Steel
350	2.8	25.4	Steel / Stainless Steel
350	3	25.4	Steel / Stainless Steel



Type 41

HI CUT CHOPSAW

Product Features & Benefits

- More no of cuts per wheel (More profit)
- High cutting speed
- No clogging, cuts easily

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
350	2.8	25.4	Steel



Type 41

CUMI DF PREMIUM CHOPSAW

Product Features & Benefits

- More number of cuts
- Accurate cutting & higher machine life
- Designed for high-speed machine (80 MPS)

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
350	3	25.4	Steel / Stainless Steel



Type 41

LARGE DIA CUTTING WHEEL

Product Features & Benefits

- Heavy duty stationery cutting disc
- Extra reinforcement layer for better safety

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
300	3	25.4	Steel / Stainless Steel
400	3,4	25.4	Steel / Stainless Steel
500	3,4,5	25.4,31.75,40	Steel / Stainless Steel
600	6	31.75	Steel / Stainless Steel



Type 41

RAIL CUT OFF

Product Features & Benefits

- 5 Cuts in 60 kg 90 UTS rail
- Less cutting time: 4 min per cut
- Comfortable cutting behaviour

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
400	4	22.23	Alloy Steel / Stainless Steel

Grinding Wheels



Type 27

HI - CUT

Product Features & Benefits

- Powerful material abrasion
- Comfortable grinding performance
- 3 Full layer fabrics offers better safety

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	4	16	Steel / Stainless Steel
125	6, 7	22.23	Steel / Stainless Steel
180	5, 7	22.23	Steel / Stainless Steel
230	7	22.23	Steel / Stainless Steel

HI CUT

Product Features & Benefits

- Special grain bond combination
- Excellent free cutting action
- Optimum wheel life
- High safety and consistency

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	4	16	Steel / Alloy Steel
100	6	16	Steel / Alloy Steel
125	5	22.23	Steel / Alloy Steel
125	7	22.23	Steel / Alloy Steel
180	5	22.23	Steel / Alloy Steel
180	7	22.23	Steel / Alloy Steel
230	5	22.23	Steel / Alloy Steel
230	7	22.23	Steel / Alloy Steel



Type 27

CUMI NXT

Product Features & Benefits

- High performance grinding with superior grains
- Low physical effort
- Unique combo offering faster cutting action with better service life

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	4	16	Steel
100	6	16	Steel
125	6	22.23	Steel
180	5	22.23	Steel
180	6.7	22.23	Steel
180	7	22.23	Steel
230	6	22.23	Steel



Type 27



Type 27

SAMURAI

Product Features & Benefits

- Faster material removal
- Pleasant grinding behaviour
- No excessive force required

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	4	16	Steel
100	6	16	Steel
125	6	22.23	Steel
180	6	22.23	Steel
230	6,7	22.23	Steel



Type 27

SPARK / SHAKTI

Product Features & Benefits

- High stock removal
- Specially designed for heavy materials grinding
- Recommended for high frequency angle grinders

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
180	6.7	22.23	Steel
180	7	22.23	Steel



Type 27

CUMI SLEEK UNIVERSAL

Product Features & Benefits

- Light weight wheel
- Good armature life
- Faster grinding

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
180	6.7	22.23	Steel / Alloy Steel
180	7	22.23	Steel / Alloy Steel



Type 27

CUMI SLEEK SUPREME

Product Features & Benefits

- Light weight wheel
- Good armature life
- Faster grinding coupled with good life

Type	Dimension (mm)			Best suited for
	DIA (D)	THK (T)	BORE	
27	100	4	16	Steel / Alloy Steel
27	100	6	16	Steel / Alloy Steel
27	125	6	22.23	Steel / Stainless Steel
27	180	6.7	22.23	Steel / Alloy Steel



Type 27

HICARB

Product Features & Benefits

- High stock removal performance.
- Superior SiC offers aggressive grinding
- Very comfortable & fatigue free grinding

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
100	6	16	Cast iron
180	7	22.23	Cast iron
230	5	22.23	Cast iron
230	7	22.23	Cast iron



Type 27

CUMI DI/CI

Product Features & Benefits

- Specially designed for ductile iron material removal
- Faster grinding with longer life

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
180	7	22.23	Ductile iron, Cast iron
230	7	22.23	Ductile iron, Cast iron



Type 27

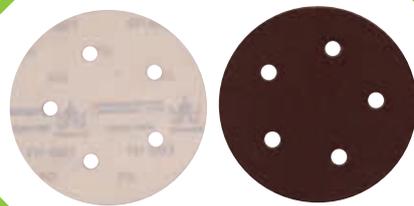
CUMIFLEX – CAST IRON

Product Features & Benefits

- High performance material removal rate
- No excessive force is required
- Better surface finish

Dimension (mm)			Best suited for
DIA (D)	THK (T)	BORE	
180	7	22.23	Ductile iron, Cast iron
230	7	22.23	Ductile iron, Cast iron

DISCS





FIBER DISCS

Unlock precision grinding with CUMI Fiber Discs. Featuring a robust vulcanized fiber backing and versatile abrasives like Zirconia Alumina and Aluminum Oxide, they ensure durability and performance. With a unique bond and coating, these discs offer high mechanical strength, stability, and flexibility for efficient high-speed operations. Ideal for diverse applications.

CUMI ZING PREMIUM ZIRCONIA FIBER DISC

Product Description

Premium Zirconia Alumina disc for heavy weld removal, heavy material removal on SS and all types of difficult to grind metals.

Product Features & Benefits

- Premium zirconia grain for faster cutting action
- Tear resistant backing
- Individually coated disc for edge grinding applications



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
24, 36, 60, 80, 120	100	16	Stainless steel, Chrome steel, Castings and Glass fibre
24, 36, 60, 80, 120	125	22	Stainless steel, Chrome steel, Castings and Glass fibre
24, 36, 60, 80, 120	180	22	Stainless steel, Chrome steel, Castings and Glass fibre

AJAX ALPHA SUPREME IDC

Product Description

Premium Aluminium Oxide disc with close coating suitable for wood and metal fabrication applications.

Product Features & Benefits

- Premium aloxide grain
- Tear resistant backing
- Individually coated fibre disc
- Suitable for edge grinding application



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
24, 36, 60, 80, 120	100	16	Mild steel, Sheet metal, Non ferrous, Wood
24, 36, 60, 80, 120	125	22	Mild steel, Sheet metal, Non ferrous, Wood
24, 36, 60, 80, 120	180	22	Mild steel, Sheet metal, Non ferrous, Wood

ALPHA SUPREME RESIN SANDER DISC

Product Description

Premium Aluminium Oxide disc with close coating suited for weld removal, weld dressing and fabrication applications.

Product Features & Benefits

- Premium Aluminium Oxide
- Close coating
- Special bond for metal application



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
24, 36, 50, 60, 80, 100, 120	100	16	Alloy steel, Non ferrous metal, Castings and Glass fibre
24, 36, 50, 60, 80, 100, 120	125	22	Alloy steel, Non ferrous metal, Castings and Glass fibre
24, 36, 50, 60, 80, 100, 120	180	22	Alloy steel, Non ferrous metal, Castings and Glass fibre

ALPHA IDC

Product Description

Treated Aluminium Oxide disc with close coating suited for hard wood and material application, manufactured individually for edge sanding applications.

Product Features & Benefits

- Treated aluminium oxide
- Close coating
- Special bond for hard wood sanding application
- For profile sanding



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
24, 36, 50, 60, 80, 100, 120	100	16	Hard wood, Steel, Non ferrous metal and Glass fibre
24, 36, 50, 60, 80, 100, 120	125	22	Hard wood, Steel, Non ferrous metal and Glass fibre
24, 36, 50, 60, 80, 100, 120	180	22	Hard wood, Steel, Non ferrous metal and Glass fibre

Jawan Fiber Disc

Product Description

Premium aluminium oxide grains with semi-open coating for superior wood sanding applications.

Product Features & Benefits

- Semi open coat
- Jumbo coated
- Aloxide grain
- Strong backing



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
24, 36, 60, 80, 100, 120	100	16	Wood
24, 36, 60, 80, 120	125	22	Wood
24, 36, 60, 80, 120	180	22	Wood



FLAP DISCS

CUMI's Flap Disc boasts a robust backing and premium grains: Zirconia and Aluminum Oxide. Electro-coated with uniformly wearing flaps, it ensures continuous fresh grain exposure, leading to high material removal and consistent finish. Enhanced resin formulation with active reagents enables cooler cutting with no discoloration. Available in flat (type 27) and conical (type 29) designs, these discs are highly productive tools for various metal applications.

TYPE 27	TYPE 29
APPLICATION DETAILS	
<p>0 - 15°</p> <p>Flat flap disc for maximum contact surface for grinding. Best suited for surface grinding applications.</p>	<p>15 - 35°</p> <p>Conical flap disc provides greater angles. This type of flap disc is best suited for grinding concave surfaces, difficult to reach areas.</p>

CUMI FLEX PERFORMANCE PLUS FLAP DISC

Product Description

Premium zirconia alumina flap disc for weld removal and blending of all type of heavy metal fabrication applications. Heavy duty backing results in less wear and extra life.

Product Features & Benefits

- High performance zirconia alumina grains
- Strong cloth backing.
- High strength backup pad.



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
40, 60, 80, 120	100	16	Mild steel, Stainless steel, Aluminium
40, 60, 80, 120	115	22	Mild steel, Stainless steel, Aluminium
40, 60, 80, 120	125	22	Mild steel, Stainless steel, Aluminium
40, 60, 80, 120	180	22	Mild steel, Stainless steel, Aluminium

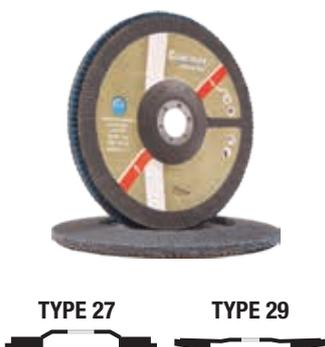
CUMI FLEX ZIRCONIA FLAP DISC UNIVERSAL

Product Description

Premium Zirconia alumina flap disc for weld removal and blending of all type of metal fabrication for medium duty applications with effective cut rate.

Product Features & Benefits

- Premium zirconia alumina grain
- X' wt. backing for faster cutting
- Strong backup pad



Grit	Dia (mm)	Centre Hole (mm)	Best suited for
36, 60, 80, 120	100	16	Mild steel, Low carbon steel and Casting
36, 60, 80, 120	115	22	Mild steel, Low carbon steel and Casting
36, 60, 80, 120	125	22	Mild steel, Low carbon steel and Casting
36, 60, 80, 120	180	22	Mild steel, Low carbon steel and Casting

TEZZ SH FLAP DISC



TYPE 27



Product Description

Premium Alo flap disc for weld removal, deburring & surface preparation applications.

Product Features & Benefits

- Premium alo grain
- Small metal hub design
- Unique flap arrangement

Grit	Dia (mm)	Centre Hole (mm)	Best suited for
60, 80, 120	100	16	Mild steel, Stainless steel, Galvanized iron, CRC sheet

TEZZ MAX FLAP DISC



TYPE 27



Product Description

Premium Alo flap disc for light weld removal, deburring, surface preparation and finishing applications.

Product Features & Benefits

- Faster cutting
- Superior finish

Grit	Dia (mm)	Centre Hole (mm)	Best suited for
60, 80, 120	100	16	Mild steel, Stainless steel
60, 80, 120	125	22	Mild steel, Stainless steel

TEZZ FLAP DISC



TYPE 27



Product Description

Aluminium Oxide flap disc for weld removal and blending of all type of metal fabrication for light duty applications.

Product Features & Benefits

- Brown aluminium oxide
- X' wt backing
- Good surface finish

Grit	Dia (mm)	Centre Hole (mm)	Best suited for
60, 80, 120	100	16	Stainless steel, Low carbon steel, Casting, Wood and Glass
60, 80, 120	125	22	Stainless steel, Low carbon steel, Casting, Wood and Glass



TYPE 27



Tezz Value+ Flap Disc

Product Description

Treated Aluminium Oxide flap disc for weld removal, blending and finishing applications of all type of metal fabrication for light duty applications.

Product Features & Benefits

- Durable
- Effective grinding
- Uniform wear pattern
- Value for money

Grit	Dia (mm)	Centre Hole (mm)	Best suited for
60, 80, 120	100	16	Mild steel, Stainless steel



TYPE 27



DURACUT FLAP DISC

Product Description

Aluminium Oxide flap disc provided with extra density for weld removal and blending of all type of metal fabrication for light duty applications.

Product Features & Benefits

- Brown aluminium oxide
- Strong cloth backing
- High flap density
- Excellent cut rate

Grit	Dia (mm)	Centre Hole (mm)	Best suited for
60, 80, 120	100	16	Stainless steel, Low carbon steel, Casting, Wood and Glass

Hook & Loop Discs



Experience superior sanding with CUMI's Hook & Loop Discs. Crafted with premium grains and available in paper, film and cloth backing options, these discs deliver exceptional performance. With a reliable hook and loop fastening system, they offer effortless attachment and quick disc changes, ideal for woodworking, metal surface preparation and automotive tasks.

PAPER H&L DISCS

ALUMINIUM OXIDE RESIN PAPER H&L DISC - FP 567

Product Description

High quality paper H&L disc with semi open coating for surface preparation applications.

Product Features & Benefits

- Brown Aluminium Oxide
- Semi open coating
- Less loading
- Faster cutting



Grit	Dia (mm)	No of Holes	Best suited for
60, 80, 120, 150	150	6 Holes	Wood, Glass fiber, Wall, Metal and Composite

STEARATED HOOK & LOOP DISC - DL 569

Product Description

High quality paper H&L disc with stearate coating for surface preparation and finishing applications.

Product Features & Benefits

- High quality latex paper backing
- Anti-clogging coating for long life
- Semi open coating



Grit	Dia (mm)	No of Holes	Best suited for
40 - 600	125	5	Wood, Filler, Putty, Composite
40 - 600	150	6	Wood, Filler, Putty, Composite

FILM H&L DISCS

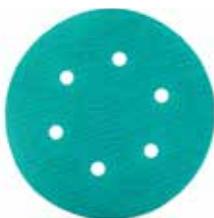
FILM HOOK & LOOP DISC - AF 561

Product Description

Special film backing H&L disc with anti-clogging design for high-end finishing applications.

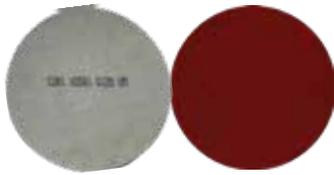
Product Features & Benefits

- High quality nylon backing
- Anti-clogging coating for long life
- Semi open coating



Grit	Dia (mm)	No of Holes	Best suited for
60 - 2000	125	5	Wood, Filler, Putty, Composite
60 - 2000	150	6	Wood, Filler, Putty, Composite

CLOTH H&L DISCS



ALUMINIUM OXIDE RESIN CLOTH SUPREME H&L DISC - XS 561

Product Description

Premium Aluminium Oxide cloth H&L discs mainly used on metal, wood and wall scrapping for surface preparation with heavy material removal.

Product Features & Benefits

- Premium Aluminium Oxide
- Close coating
- X' wt cloth backing

Grit	Dia (mm)	No of Holes	Best suited for
60, 80, 100, 120	90	No Holes	Wood, Glass fiber, Wall, Metal and Putty
60, 80, 100, 120	125	No Holes	Wood, Glass fiber, Wall, Metal and Putty
60, 80, 100, 120	125	5 Holes	Wood, Glass fiber, Wall, Metal and Putty

ALUMINIUM OXIDE RESIN CLOTH SUPREME H&L DISC - YS 562

Product Description

Premium Aluminium Oxide cloth H&L discs mainly used on metal for heavy material removal. Designed mainly for auto industries.

Product Features & Benefits

- Premium Aluminium Oxide
- Close coating
- Y' wt cloth backing

Grit	Dia (mm)	No of Holes	Best suited for
80, 100, 120	90	No Holes	Metal
80, 100, 120	125	No Holes	Metal
80, 100, 120	125	5 Holes	Metal



ZIRCONIA RESIN CLOTH SUPREME H&L DISC - YS 581

Product Description

Premium Zirconia Alumina cloth H&L discs mainly used on metal for heavy duty applications. Designed mainly for auto industries.

Product Features & Benefits

- Premium Zircon Aluminium Oxide
- Close coating
- Y' wt cloth backing

Grit	Dia (mm)	No of Holes	Best suited for
80, 120	90	No Holes	Metal
80, 120	125	No Holes	Metal
80, 120	125	5 Holes	Metal



PSA DISC

Introducing CUMI's PSA Discs, engineered with premium grains and offered in paper and film backing options. These discs provide exceptional performance for sanding tasks. The Pressure Sensitive Adhesive (PSA) backing ensures easy application and secure attachment to compatible surfaces, making them ideal for various woodworking and automotive applications



STEARATED PAPER PSA DISC - DL 569

Product Description

High quality paper PSA disc with stearate coating for surface preparation and finishing applications.

Product Features & Benefits

- High quality latex paper backing
- Anti-clogging coating for long life
- Semi open coating

Grit	Dia (mm)	Best suited for
40 - 600	125	Wood, Filler, Putty, Composite
40 - 600	150	Wood, Filler, Putty, Composite

FILM PSA DISC - AF 561

Product Description

Special film backing PSA disc with anti-clogging design for high-end finishing applications.

Product Features & Benefits

- High quality nylon backing
- Anti-clogging coating for long life
- Semi open coating



Grit	Dia (mm)	Best suited for
60 – 2000	125	Wood, Composite, Putty, Filler
60 - 2000	150	Wood, Composite, Putty, Filler

Discs for Spectro-polishing Application

CUMI's discs for spectro-polishing applications feature aloxide and silicon carbide grains and are available in paper and cloth backing options, these discs ensure exceptional polishing performance. Perfect for spectroscopic analysis, they deliver consistent results, enabling accurate material identification in research, quality control, and industrial applications.

ALOXIDE RESIN PAPER DISC

Product Description

Aluminium Oxide resin paper disc designed for specimen preparation in spectrography analysis.

Product Features & Benefits

- High quality tear resistant backing
- Better surface finish



Grit	Dia (Inch)	Centre Hole (mm)	Best suited for
24, 36, 40, 60, 80, 100, 120	7" – 36"	16 – 40	All Casting

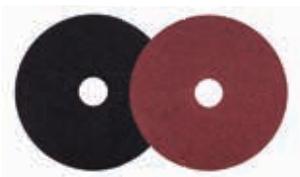
CLOTH DISC

Product Description

Aluminium Oxide resin paper disc designed for specimen preparation in spectrography analysis.

Product Features & Benefits

- Tear resistant cotton cloth backing for long life
- Better material removal rate



Grit	Dia (Inch)	Centre Hole (mm)	Best suited for
36, 60, 80, 100, 120, 220, 400	6" – 36"	16 – 125	All Casting

WATER PROOF PAPER DISC

Product Description

Close coat SiC disc with high strength water proof paper for spectro polishing applications.

Product Features & Benefits

- High quality tear resistant backing
- Suitable for wet application
- Better surface finish
- Strong SiC grain



Grit	Dia (Inch)	Best suited for
60 - 1200	4" – 14"	All Casting

Also available in Glue Pasted / PSA Form

BELTS



BELTS



BELTS

WIDE BELTS

CUMI's "Supreme" cloth backed wide belts are used for finishing - boards, plywood, solid wood, decorative laminates, steel coils, sheet metal parts etc. Available in Silicon Carbide, Aluminium Oxide these high performing belts are manufactured with specially processed backing, which ensures minimum elongation, long life. The adhesive system and the coating is designed for minimum loading. Available with a tape joint, these belts ensure an excellent finish throughout the belt life.



Product Description

Silicon Carbide, Aluminium Oxide cloth backed wide belts are designed for high productivity and consistent finish.

Product Features & Benefits

- Stable polyester backing for minimum elongation.
- Antistatic agents for longer life
- Optimum coating to prevent clogging.
- Tape joint for superior finish

Product Code	Grain Type	Backing	Grit Range	Best suited for
YS575	Silicon Carbide	Polyester	24, 36,40, 60, 80,100 & 120	Wood Working : Calibrating, Finishing board, panel & Brake Linings
YW571	Silicon Carbide	Polyester	60, 80, 100, 120, 150, 180, 220, 320, 400	SS Coils Finishing
YS549+	Premium Aluminium Oxide	Polyester	36,40, 50, 60, 80,100, 120, 150, 180, 220, 320	Wood Working : Rough, Intermediate and finish sanding of Plywood, wooden articles

NARROW BELTS - FOR MEDIUM CARBON, LOW CARBON STEEL APPLICATION

CUMI's wide range of aluminium oxide, silicon carbide, ceramic and zirconia narrow belts are designed and manufactured to meet the varied grinding, finishing needs in the industry. Manufactured under strict controls, these belts ensure optimum performance on medium carbon steel, low carbon steel, brass, stainless steel, mild steel, aluminium, leather, rubber etc. A fully integrated backend manufacturing facility ensures that all inputs-abrasive grains, backing and adhesive are manufactured under stringent quality controls. Thus CUMI's narrow belts offer the customers best value for money.

High Performance Ceramic Belts



Product Code	Grain Type	Backing	Grit Range	Best suited for
YS591	Premium Ceramic Alumina	Polyester Cloth	24, 36, 40, 50, 60, 80 & 120	Hard alloys like Inconel Titanium alloy Other hard alloys
YS592	Premium Ceramic Alumina+Aloxide	Heavy Duty Polyester Cloth	24, 36, 40, 50, 60, 80, 100 & 120	Stainless Steel Profile Mild Steel Investment castings Aluminum die castings Hand Tools
YS593	Premium Ceramic Alumina+Zirconia	Heavy Duty Polyester Cloth	36, 60, 80 & 120	Mild Steel investment castings Aluminum die castings Hand Tools
XS592	Premium Ceramic Alumina+Aloxide	Flexible Polyester Cloth	24, 36, 40, 50, 60, 80, 100 & 120	Stainless Steel Profile Mild Steel Investment castings Aluminum die castings Hand Tools
YS595	Premium Ceramic Alumina+Aloxide	Polyester Cloth	24, 36, 40, 50, 60, 80, 100 & 120	Hard wood Floor sanding

Zirconia Belt



Product Code	Grain Type	Backing	Grit Range	Best suited for
ZS583 Zirconia Belt	Premium Zirconia Alumina+ Aloxide	Polyester Cloth	36,40, 50, 60, 80,100 & 120	Chrome vanadium Stainless Steel Profiles Mild Steel Investment castings Aluminum die castings Hand Tools
ZS585 Zirconia Belt	Premium Zirconia Alumina+ Aloxide with top coad	Polyester Cloth	36,40, 60, 80,100 & 120	Investment castings
XS581 Zirconia Supreme Belt	Zirconia	Polycotton	36, 60, 80, 120	Stainless Steel Mild Steel
ZS589 Zirconia Belt	Premium Zirconia Alumina + Premium Aloxide	Polyester Cloth	36, 60, 80 & 120	Shank Grinding and SS Tubes
ZS581 Zirconia Belt	Premium Zirconia Alumina	Polyester Cloth	36, 60, 80 & 120	Aluminium Die Casting

Aluminium Oxide Belts



Product Code	Grain Type	Backing	Grit Range	Best suited for
XS561 / YS562 – Ajax Supreme	Premium Aluminium Oxide	Polycotton	36, 40, 50, 60, 80, 100 & 120	Med Carbon, CRV Material
XG542 Jawan & XG861 Ajax RIC Belts	Aluminium Oxide	Cotton	24, 36, 60, 80,100, 120, 180, 220, 320, 400	Low Carbon steel, Aluminium, Brass, Rubber soles etc. in gen engineering industry
XS540	Aluminium Oxide	Cotton Spl	60, 80, 120	Commercial Plywood, Decorative Plywood
JS502	Aluminium Oxide	Cotton Spl	36, 60, 80, 120	Metal Parts
Aloxide Flexible Belt XF 561 Cumishine	Aluminium Oxide	Cotton	220 only	Hand tool, Sanitary Fitting
YS562 P	Premium Aluminium Oxide	Polycotton	60, 80, 120	Sanitary Fitting, Arch Hardware
JF569 Flexible Belt	Premium Aluminium Oxide	Flexible Polycotton	220, 320, 400	Sanitary Fitting, Contour sanding

Silicon Carbide Belt



Product Code	Grain Type	Backing	Grit Range	Best suited for
YS575	Silicon Carbide	Polyester	36, 40, 60, 80, 120 150, 180, 220, 320, 400	Glass, SS Coils, SS Tubes, Wood decor
YW571	Silicon Carbide	Polyester	60, 80, 120, 150, 180, 220, 320, 400	Glass, SS Coil, SS Tubes

FLAPS & MOPS



FLAPS & MOPS



BORE MOPS

CUMI's flange mounted abrasive mop wheels are widely used in finishing ID, OD of pipe, vessels in SS process equipment manufacture, SS fabrication industry and auto ancillary industries for defect removal and polishing application. CUMI's mop wheel design ensures fresh abrasive grains are always available for finishing, due to the uniformly wearing flaps. This ensures consistent finish throughout product life. Wide range of products are available to suit the specific needs of the application.

HI-CUT

Product Description

Aluminium Oxide bore mops with open packed flaps to provide good cutting action.



Product Features & Benefits

- Aluminium Oxide grain uniformly coated on X' wt. cotton backing MS flange for high cutting speed
- High material removal rate
- MS flange for high cutting speed
- Most suitable for working on contours

Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	150	25	31.75	Stainless steel, MS, Alloys

HI-LIFE

Product Description

Aluminium Oxide bore mops with densely packed flaps to provide good finish & life.



Product Features & Benefits

- Flaps arranged on a larger dia. flange
- Aluminium Oxide grain uniformly coated on X' wt. cotton backing
- Dense packing of flaps provides superior finish
- Longer wheel life

Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	150	25, 40, 50	31.75	Stainless steel, MS, Alloys

HI-FLEX

Product Description

Closely coated premium Aluminium Oxide grain coated on specially treated X' wt cloth backing for excellent finish and longer life on SS.



Product Features & Benefits

- Wooden bush for quick and easy mounting on tapered spindle machines
- Provides superior and good finish on SS and Alloys
- Specially treated cotton for higher flexibility
- Higher wheel life with uniform cutting
- Good conformance to contours

Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	100	13, 25, 40, 50	16	Stainless steel, MS, Alloys
	150			
	200			

CUTFAST

Product Description

Aluminium Oxide bore mops designed for optimum performance throughout wheel life.

Product Features & Benefits

- Stepped flange for polishing intricate areas
- Available in various sizes and grits
- Closely coated Aluminium Oxide grain coated on 'X' wt cloth backing



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	100 200	13, 25, 50	31.75	Stainless steel, MS, Alloys

JAWAN

Product Description

Specially treated Alo. Grains for faster cut rate.

Product Features & Benefits

- Flexible backing for better access to contours
- Vibration free and smooth sanding



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
60, 80, 120, 150, 180, 220, 320, 400, 600	100, 150, 200	25, 40, 50	31.75, 16	Stainless steel

CUMI SHINE

Product Description

Made from semi friable alumina grains with specially made flexible cloth backing.

Product Features & Benefits

- Excellent Cutting action
- Best suited for Stain less Steel Heavy Duty Fabrication
- Suitable for applications which need high level of surface finish
- Industry Segment - Food & Pharma Equipment & Machinery, SS Fabrication



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
120, 150, 180, 220, 320, 400, 600	100 150 200	25	31.75	Stainless steel, MS, Alloys

SUPERCUT NXT BORE MOPS

Product Description

Specially made for higher material removal application with special cloth allowing less fatigue to operator.

Product Features & Benefits

- Value for Money product
- Fast Cutting Action, Less Fatigue to operator
- Industry Segment - Stainless Steel Tubes, Fabrication, Utensil
- Suited for Light - Medium Duty Application in Stainless Steel fabrication, Weld Removal



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
60, 80, 120, 150, 180, 220, 320, 400, 600	150 200	25, 40, 50	16 31.75	Stainless steel, MS, Alloys



FLAP WHEELS

CUMI's flange mounted large dia. Flap wheels are widely used for blending, de - burring and finishing OD of SS tubes, pipes, Utensils and auto components. The abrasive is non-loading, non-dulling due to nature of evenly wearing out flaps. This results in consistent finish. Adhesive used is uniformly distributed and ensures strong bonding and minimum vibration during use.

HI-CUT

Product Description

Aluminium Oxide based flap wheels designed for good cutting action throughout wheel life.

Product Features & Benefits

- Aluminium Oxide grain uniformly coated on X' wt. Cotton backing for consistent finish
- Good adhesion for high surface speed
- Available in various sizes to suit typical applications
- Universal design for easy mounting



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
36, 60, 80, 100, 120, 150,	250	15-100	127.5	Stainless steel, MS, Alloys
180, 220, 320, 400, 600,	300		181	
800, 1000, 1200	350		36	

CUTFAST

Product Description

Aluminium Oxide based flap wheels designed for flexible operation with superior finish.

Product Features & Benefits

- Aloxite grain uniformly coated on X' wt. Cotton backing for controlled cutting action
- Uniform cutting throughout wheel life
- Provides higher flexibility while operation



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
36, 60, 80, 100, 120,	250	25,50	91	Stainless steel, MS, Alloys
150, 180, 220, 320, 400,	300		114	
600, 800, 1000, 1200	350		154	

JAWAN

Product Description

Aluminium Oxide based flap wheels designed for finishing at less pressure.

Product Features & Benefits

- Universal design for easy mounting
- Uniform cutting throughout wheel life
- Uniform scratch pattern
- Superior Finish and flexibility



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best suited for
60, 80, 120, 150, 180	250	25,50	127.5,	Stainless steel
220, 320, 400, 600	300		181	
	350			

SPINDLE MOPS



CUMI's Spindle mounted mop wheels are widely used for de-burring, cleaning applications in metal fabrication industries and finishing of hard to reach areas such as internal surface of pipes, cylinders, moulds. Quality materials are used thus ensuring safety at high speed operations. Can be used with pneumatic, electrical hand held grinders.

CUTFAST

Product Description

Aluminium Oxide based spindle mops designed to operate at higher speeds with uniform cutting and finish.

Product Features & Benefits

- Toughened Aluminium Oxide grains for high stock removal
- Superior strength steel spindle to withstand high speed
- Available in different sizes to suit typical application
- High strength adhesion for optimum performance at high speed



Grit	Dia (mm)	Thick (mm)	Splindle Dim	Best suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	25	25,40,50	6 x 40	Stainless steel, MS, Alloys
	40			
	50			
	60			
	80			

* other sizes on demand

SAMURAI

Product Description

Specially made for higher material removal application with special cloth allowing less fatigue to operator.

Product Features & Benefits

- Faster cutting action
- Low - Medium Duty application
- Industry Segment - Stainless Steel - Fabrication and allied industries



Grit	Dia (mm)	Thick (mm)	Splindle Dim	Best suited for
60, 80, 100, 120, 150, 180, 220, 320, 400, 600	25	25,40,50	6 X 40	Stainless steel, MS, Alloys
	40			
	50			
	60			
	80			

* other sizes on demand

NONWOVEN



NONWOVEN



HAND PADS



CUMI offers wide range of nonwoven abrasive hand pads for free sanding and machine sanding operations. Made from premium quality Nylon web, coated with high performance synthetic abrasives and water proof resin bond system. These products do not load / clog and can be used for both wet / dry applications.

CUMITEX SUPER ALO VERYFINE HAND PADS

Product Description

Medium Duty ALO Very fine maroon hand pads for hand sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- Synthetic water proof resin bond
- Superior finish
- High performance ALO grain
- Single coat



Product Code	Grit	Colour	Size (mm)	Applications
Cumitex super	Veryfine	Maroon	150 x 230	<ul style="list-style-type: none"> • General purpose cleaning • Rust and oxide removal • Generating satin finish pattern

AJAX DX13 VERY FINE HAND PADS

Product Description

Medium Duty ALO Very fine maroon hand pads for hand sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- High performance grain
- Excellent finish
- Water proof bond system



Product Code	Grit	Colour	Size (mm)	Applications
Ajax Dx13	Very Fine	Maroon	150 x 230	<ul style="list-style-type: none"> • General Purpose Cleaning • Rust and Oxide removal • Polishing of ceramic ware • Maintenance and repair operations

AJAX CX13 VERY FINE HAND PADS

Product Description

Light to medium duty ALO maroon hand pads for polishing, available in Single Pc pouch packing convenient for painters, masons, wood polishers to use.

Product Features & Benefits

- Premium quality Nylon fiber
- High performance grain
- Excellent finish
- Water proof bond system



Product Code	Grit	Colour	Size (mm)	Applications
Ajax CX13	Very Fine	Maroon	150 x 230	<ul style="list-style-type: none"> • Light Duty Cleaning • Paints & Tile Adhesive cleaning • Smoothing Wooden Surfaces • MRO purpose

AJAX MAROON ALO FINE HAND PADS

Product Description

Heavy Duty ALO Fine maroon hand pads for hand and machine sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- High performance ALO grain
- Excellent finish
- Water proof bond system



Product Code	Grit	Colour	Size (mm)	Applications
Ajax CX05	Fine	Maroon	150 x 230	<ul style="list-style-type: none"> • Excellent finish and RA values on metal • Orbital Sanders • Wood sanding

AJAX GREEN ALO FINE HAND PADS

Product Description

Medium duty ALO fine green hand pads for machine sanding applications.

Product Features & Benefits

- Premium quality Nylon fiber
- Synthetic water proof resin bond
- Excellent finish
- High performance ALO grain
- Single coat



Product Code	Grit	Colour	Size (mm)	Applications
Ajax CX06	Fine	Green	150 x 230	<ul style="list-style-type: none"> • Excellent finish and RA values on metal • Orbital Sanders • Wood sanding

AJAX FINE HAND PADS

Product Description

Light Duty SiC Micro fine / Ultra fine grey hands for hand sanding application

Product Features & Benefits

- High Flexible Designs
- Low Density
- Very Fine Grains
- Non CLogging



Product Code	Grit	Colour	Size (mm)	Applications
Ajax CX03	Microfine	Grey	150 x 230	<ul style="list-style-type: none"> • Architectural metal works • Generating glossy finish on metals • Auto After & Paint Shop
Ajax CX04	Ultrafine	Grey	150 x 230	

CUMITEX ALO MEDIUM

Product Description

Medium Duty ALO maroon hand pads for hand sanding applications.

Product Features & Benefits

- Superior Nylon Fiber
- Medium Alo. grains
- High Density of Grains



Product Code	Grit	Colour	Size (mm)	Applications
CUMITEX Alo Medium	Medium	Tan	150 x 230	<ul style="list-style-type: none"> • Blending & Deburring • Surface Preparations • Coatings, Paints & Corrosion removal

AJAX ALO MEDIUM HAND PADS

Product Description

Heavy duty ALO medium tan hand pads for hand sanding and machine sanding applications.

Product Features & Benefits

- Premium quality Nylon fiber
- Synthetic water proof resin bond
- Superior finish
- High performance ALO grain
- Multi-coat



Product Code	Grit	Colour	Size (mm)	Applications
AJAX CX 02	Medium	Maroon/Tan	150 x 230	<ul style="list-style-type: none"> • Generating coarse finish pattern on metal • Sanding of ceramic and sanitary wares • Light de-burring

NONWOVEN ROLLS



Nonwoven Rolls

CUMI offers wide range of nonwoven abrasive rolls for free sanding as well as use machine sanding operations. Made from premium quality Nylon fiber and coated with high performance synthetic abrasives and water proof resin bond, these products do not load / clog and can be used for both wet / dry applications.

CUMITEX SUPER ALO VERYFINE ROLLS

Product Description

Medium Duty ALO Very fine maroon rolls for hand sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- High performance ALO grain
- Synthetic water proof resin bond
- Single coat
- Superior finish



Product Code	Grit	Colour	Size	Applications
Cumitex super	Veryfine	Maroon	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • General purpose cleaning • Rust and oxide removal • Generating satin finish pattern

AJAX DX13 VERY FINE ROLLS

Product Description

Medium Duty ALO Very fine maroon rolls for hand sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- Excellent finish
- High performance grain
- Water proof bond system



Product Code	Grit	Colour	Size	Applications
Ajax Dx13	Veryfine	Maroon	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • General Purpose Cleaning • Rust and Oxide removal • Polishing of ceramic ware • Maintenance and repair operations

AJAX CX13 VERY FINE ROLLS

Product Description

Light to medium duty ALO maroon rolls for hand sanding application.

Product Features & Benefits

- Premium quality Nylon fiber
- Excellent finish
- High performance grain
- Water proof bond system



Product Code	Grit	Colour	Size	Applications
Ajax CX13	Veryfine	Maroon	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • Light Duty Cleaning • Paints & Tile Adhesive cleaning • Smoothing Wooden Surfaces • MRO purpose

AJAX MAROON ALO FINE ROLLS

Product Description

Heavy Duty ALO Fine maroon rolls for hand and machine sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- Excellent finish
- High performance ALO grain
- Water proof bond system

Product Code	Grit	Colour	Size	Applications
Ajax CX05	Fine	Maroon	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • Excellent finish and RA values on metal • Orbital Sanders • Wood sanding



AJAX GREEN ALO FINE ROLLS

Product Description

Medium duty ALO fine green rolls for machine sanding applications.

Product Features & Benefits

- Premium quality Nylon fiber
- High performance ALO grain
- Synthetic water proof resin bond
- Single coat
- Excellent finish

Product Code	Grit	Colour	Size	Applications
Ajax CX06	Fine	Green	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • Excellent finish and RA values on metal • Orbital Sanders • Wood sanding



AJAX FINE ROLLS

Product Description

Light Duty SiC Micro fine / Ultra fine grey rolls for hand sanding application

Product Features & Benefits

- High Flexible Designs
- Very Fine Grains
- Low Density
- Non CLogging

Product Code	Grit	Colour	Size	Applications
Ajax CX03	Microfine	Grey	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • Architectural metal works • Generating glossy finish on metals • Auto After & Paint Shop
Ajax CX04	Ultrafine	Grey		



CUMITEX ALO MEDIUM

Product Description

Medium Duty ALO maroon rolls for hand sanding applications.

Product Features & Benefits

- Superior Nylon Fiber
- High Density of Grains
- Medium Alo. grains

Product Code	Grit	Colour	Size	Applications
CUMITEX Alo Medium	Medium	Tan	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • Blending & Deburring • Surface Preparations • Coatings, Paints & Corrosion removal



AJAX ALO MEDIUM ROLLS

Product Description

Heavy Duty ALO Medium rolls for hand and machine sanding application

Product Features & Benefits

- Premium quality Nylon fiber
- High performance ALO grain
- Synthetic water proof resin bond
- Multi-coat
- Superior finish

Product Code	Grit	Colour	Size	Applications
AJAX CX 02	Medium	Maroon/ Tan	150 x 10 MTR, 150 x 20 MTR	<ul style="list-style-type: none"> • Generating coarse finish pattern on metal • Sanding of ceramic and sanitary wares • Light de-burring





UNITISED WHEELS AND DISCS

CUMI provides various types of nonwoven abrasive unitised wheels and discs for machine-assisted sanding. Crafted from high-quality Nylon fiber and coated with top-notch synthetic abrasives and waterproof resin bond, these products resist loading/clogging and are suitable for wet or dry applications.

UNITISED WHEELS

Product Features & Benefits

Features	Benefits	Applications
* Open 3-D structure	* Available in different sizes	* Blend and polish on SS, Brass & Copper
* Very Fine Grains	* Suitable for dry applications	* Hairline finish on metals
* High Quality Nylon Fiber	* Anti-Clogging	* To impart decorative finish
* Superior Adhesion	* Uniform finish throughout life	* Light deburring applications

PRODUCT RECOMMENDATIONS

CUMIFLEX UNITISED WHEELS



Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
CUMIFLEX	150, 200	25, 50	16	1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Al, Steel

SAMURAI UNITISED WHEEL – RED



Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
Samurai - Red	150, 200, 250, 300, 350	13, 25, 50, 75	16	OSVF, 1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Al, Steel

SAMURAI UNITISED WHEEL – GREEN



Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
Samurai - Green	150, 200, 250, 300, 350	13, 25, 50, 75	16	OSVF, 1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Al, Steel

POLISHING WHEELS



CUMITEX POLISHING WHEELS

Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
Cumitex Polishing Wheels	150, 200, 250, 300, 350	13, 25, 50, 75	16	1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Al, Steel

UNITISED DISC

Product Features & Benefits:

Features	Benefits	Applications
* Open 3-D structure	* Uniform cut throughout life	* Blend and polish on SS, Brass & Copper
* Very Fine Grains	* Conforms to contours	* Matte finish on SS
* Premium Nylon Fiber	* Glossy finish	* Light deburring applications

PRODUCT RECOMMENDATIONS

CUMITEX UNITISED DISC



Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
Cumitex Unitised Disc	100	13	16	1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Steel, Al

SAMURAI UNITISED DISC – RED



Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
Samurai Unitised Disc - Red	100	15	16	1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Steel, Al

SAMURAI UNITISED DISC – GREEN



Product Code	Diameter (mm)	Thickness (mm)	Bore (mm)	Density	Best Suite For
Samurai Unitised Disc - Green	100	15	16	1SVF, 3SVF, 5SVF, 8SVF	Stainless Steel, Steel, Al

SHEETS & ROLLS



SHEETS & ROLLS



SHEETS

EMERY CLOTH BLUE DRILL SHEET

Product Description

Tough cloth backing with emery grains for de-rusting and finishing of metals by hand.

Product Features & Benefits

- Soft bond
- Stiff backing
- Dry sanding



Product Code	Grit	Size (mm)	Best Suited For
Ajax	Extra Coarse, Coarse, Medium, Fine, Extra Fine and Super fine	230 x 280	Metal
Jawan	24, 36, 50, 60, 80, 100 and 120	230 x 280	Metal

EMERY CLOTH PLAIN WEAVE SHEET

Product Description

Light weight backing with emery grains for de-rusting and finishing of metal by hand.

Product Features & Benefits

- Soft bond
- Flexible backing
- Dry sanding



Product Code	Grit	Size (mm)	Best Suited For
Cannon	24, 36, 60, 80, 100, 120, 150, 180 and 220	230 x 280	Metal

EMERY PAPER SHEET

Product Description

Light weight paper backing with emery grains for de-rusting and finishing of metals by hand

Product Features & Benefits

- Special bond adheres to contours
- Dry sanding
- Good finish



Product Code	Grit	Size (mm)	Best Suited For
Jawan	50, 60, 80 and 100	230 x 280	Metal
Concord	50, 60, 80 and 100	230 x 280	Metal



ROLLS

CUMI's Cloth and paper backed rolls are used extensively in sanding, cleaning, de-rusting and finishing various type of materials. These rolls are manufactured using Emery, Aluminium Oxide, Silicon Carbide, Zirconia grains with specially formulated bond systems and compatible backing for optimum performance in wall, wood, leather, plastic, metal, rubber and glass application.

ALO RESIN INDUSTRIAL CLOTH ROLL

Product Description & Benefits

Premium Aluminium Oxide with synthetic cloth backing for polishing and finishing of stainless steel process equipment in chemical, pharma and dairy equipment. Can be used for heavy stock removal particularly on profiled components.



Product Features

- Premium Aluminium Oxide grain
- Tough cotton backing
- Good edge stability
- Heat resistant bond
- Aggressive cutting action
- High performance in machine operation

Product Code	Grit	Width (mm)	Best Suited For
Jawan, Ajax	36, 50, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	25 to 305	Finishing of stainless steel surface and sheet metal fabrication

ALO CLOTH ROLL

Product Description

Flexible backing with special bond for light stock removal and finishing of profiled components in auto industry.



Product Features & Benefits

- Aluminium Oxide grain
- Special treated cotton backing
- Special bond adheres to profiles
- Excellent finish

Product Code	Grit	Width (mm)	Best Suited For
Ajax	36, 60, 80, 100, 120, 150, 180, 220, 320, 400	25 to 305	Auto components, Crank shaft
Jawan	80, 100, 120, 150, 180, 220, 320, 400	25 to 305	Auto components, Crank shaft

EMERY CLOTH BLUE DRILL ROLL

Product Description

Tough cloth backing with emery grains for de-rusting and finishing of metals by hand.



Product Features & Benefits

- Emery grain
- Stiff backing
- Soft bond
- Cleans up surface

Product Code	Grit	Width (mm)	Best Suited For
Ajax	Coarse, Medium, Fine and Extra Fine	38 to 305	Metal
Jawan	24, 36, 50, 60, 80, 100, 120, 150, 180, 220	38 to 305	Metal



EMERY CLOTH PLAIN WEAVE ROLL

Product Description

Light weight backing with emery grains for de-rusting and finishing of metal by hand.

Product Features & Benefits

- Emery grain
- Flexible backing adhere to contours
- Soft bond
- Cleans up surface

Product Code	Grit	Width (mm)	Best Suited For
Cannon	24, 36, 50, 60, 80, 100, 120, 150, 180, 220	38 to 305	Metal

RESIN INDUSTRIAL CLOTH ROLL – CUMI XR545

Product Description

Premium Aluminum Oxide Grain with tough backing suited for grinding and finishing application on Stainless steel equipment's.

Product Features & Benefits

- Tough Backing
- High performance Resin Bond
- Less Dust & No Burning marks
- Premium Aluminum Oxide Grain
- Aggressive Cutting Action

Product Code	Grit	Width (mm)	Best Suited For
Jawan	36, 50, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	25 - 305	<ul style="list-style-type: none"> • Stainless Steel Equipment's • SS Pharma & Chemical Equipment • SS Dairy Equipment



ALO RESIN PAPER ROLL

Product Description

Heavy weight paper backing with special bond system for specimen preparation in metallurgical application

Product Features & Benefits

- Aluminium Oxide grain
- Stiff paper backing
- Special bond
- Suitable for machine application

Product Code	Grit	Width (mm)	Best Suited For
Ajax	24, 36, 40, 50, 60, 80, 100, 120	305, 355, 610	Plywood, Asbestos and Specimen preparation in Metallurgical application.



SIC PAPER ROLL



Product Description

Premium Silicon Carbide grains with special bond systems ensures excellent finish on leather.

Product Features & Benefits

- Silicon Carbide grain
- Special bond
- Controlled fracturing of grain
- Excellent finish

Product Code	Grit	Width (mm)	Best Suited For
Ajax	80, 100, 120, 150, 180, 220, 240, 320, 400	254, 610	Buffing and Snuffing of Suede leather
Ajax	500, 600, 800	254, 610	Buffing and Snuffing of Suede leather

WHITE BUFFING PAPER ROLL



Product Description

Special bond with White Aluminium Oxide grain ensures scratch free finish on all types of leather. Also ensures uniform nap generation on suede leathers.

Product Features & Benefits

- White Aluminium Oxide grain
- Soft bond
- Uniform nap generation
- Scratch free finish

Product Code	Grit	Width (mm)	Best Suited For
Ajax	120, 150, 180, 220, 240, 320, 400	254, 610	Buffing and Snuffing of all type of leathers

BROWN BUFFING PAPER ROLL



Product Description

Synthetic resin bond with Brown Aluminium Oxide grain specially designed for hard leather. Also suitable for sanding damp leather.

Product Features & Benefits

- Brown Aluminium Oxide grain
- Synthetic resin bond
- Damp sanding
- Suitable for hard leather

Product Code	Grit	Width(mm)	Best Suited For
Ajax	100, 120, 150, 180, 220, 240, 320, 400	610	Buffing and Snuffing of damp leathers (Buffalo)



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