



NORTON

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BearTex®

BearTex surface finishing products are made of a non-woven nylon web impregnated with abrasive grain and resin. A variety of abrasives, grit sizes and backing materials give the user an extensive and superior product offering.

APPLICATIONS & MARKETS

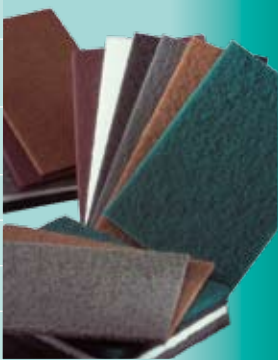
- Light cleaning
- Polishing
- Fine finishing
- Keying primer/clear coat
- Stainless steel
- Rust removal
- Defuzzing wood

IMAGE TO COME

BETTER

HAND PADS

FEATURES	BENEFITS
■ Flexible	■ Conforms to contours of work surface & provides a uniform finish
■ Gentle action	■ Easily removes burrs without affecting the dimension of the workpiece
■ Non-loading	■ Continual supply of new cutting edges
■ Non-rusting	■ No contamination of the workpiece
■ Resilient construction	■ Long life, waterproof & solvent resistant
■ Easy to cut to desired size	



GOOD

PLAIN DISCS

FEATURES	BENEFITS
■ Flexible	■ Conforms to contours of work surface & provides a uniform finish
■ Gentle action	■ Easily removes burrs without affecting the dimension of the workpiece
■ Non-loading	■ Continual supply of new cutting edges
■ Non-rusting	■ No contamination of the workpiece
■ Resilient construction	■ Long life, waterproof & solvent resistant
■ Easy to cut to desired size	



BEST

PERFORATED HAND PADS

FEATURES	BENEFITS
■ Perforations	■ Perforations allow for smooth, shred free split to create 2 smaller easy to use 115mm x 150mm pads
■ Flexible	■ Conforms to contours of work surface & provides a uniform finish
■ Gentle action	■ Easily removes burrs without affecting the dimension of the workpiece
■ Non-loading	■ Continual supply of new cutting edges
■ Non-rusting	■ No contamination of the workpiece
■ Resilient construction	■ Long life, waterproof & solvent resistant
■ Easy to cut to desired size	



FINISHANDFINE

FEATURES	BENEFITS
■ Ultra fine grade	■ Ideal for automatic primer keying & keying of clear cut
■ Highly flexible	■ For highly sensitive surfaces
■ Perforated	■ For clean & easy tearing
■ Supplied in a dispenser box	■ For easy access & storage

SGA TO
SUPPLY
IMAGE



PRODUCT SELECTION

GRADE	COLOUR	SUBSTRATE & MARKETS	APPLICATIONS	FEATURES, BENEFITS & ADVANTAGE
HAND PADS				
White Cleaning	White	Nearly all substrates i.e. composites, metals, plastic	Light cleaning & polishing	Highly conformable, tear resistant
Extra Cut	Dark tan	Stainless steel - all metals	Finishing stainless steel, weld blueing removal	Most aggressive hand pad, very durable, good life time
Medium S	Black	Stainless steel - all metals	Cleaning, finishing stainless steel – manufacturing food processing equipment	Excellent cut & shiny finish, acheives with just a few strokes light stock removal & a good finish
Medium	Maroon	Metals	Deburring, rust & coating removal	Strong & open construction, resistant to loading, good lifetime
Very Fine	Maroon	AAM – car body repair – wood working/plastic	Automotive primer keying – dufuzzing of wood/patina removal, antiquing/ denibbing plastic	Comfortable innovative pad design ensures excellent finish & lifetime
Gen. Purpose Clean & Scour	Green	Metals, plastic	General purpose cleaning	Durable nylon web, low cost, advanced performance at an economical price
Micro Fine	Gold	AAM car body repair	Keying of clear coat on sensible laquer	Conformable innovative pad design ensures excellent finish & lifetime
Ultra Fine S	Grey	AAM car body repair/metal/ plastics	Keying of clear coat/ finishing of metal/duburring plastics	Produces the finest & highest quality finish
PERFORATED HAND PADS				
Very Fine A Long Life	Maroon	AAM/metal/wood	Automotive primer keying/ metal finishing, defuzzing wood	Very efficient – perforated for clean & easy tearing, ideal size to access hard to reach areas, robust enough to be used under hoods & in doorjams without tearing
Ultra Fine S	Grey	AAM/metal/plastic	Keying of clear coat/ final finishing	Provides excellent colour prep. adhesion, can be used wet or dry with prepping compounds
FINISHANDFINE				
Very Fine A	Maroon	AAM/plumbing	Denibbing lacquers – primer keying/metal finishing, defuzzing wood	These pads are perforated & come in a dispenser, they are highly conformable & can be used wet or dry
Ultra Fine S	Grey	AAM	Cleaning finishing keying car panels, paint blending	

SPEC CHECK

- BearTex products are non-metallic, won't rust & are an ideal replacement for steel wool

HAND PADS

				PERFOR. HAND PADS	FINISH ANDFINE	HAND PADS	PLAIN DISCS
DIM WxH(mm)	CAP CODE	GRIT	PK QTY	BEST		BETTER	GOOD
100x200	F2504	Very Fine A	60*		63642557495		
	F4802	Ultra Fine S	60*		63642557496		
150x230	F2504	Very Fine A Long Life	60*	66261018293			
	F4801	Ultra Fine	60*	66261018294			
	F0001	White Cleaning	60*			66261018283	
	F2302	Extra Cut	40*			63642557491	
	F2300	Medium	60*			63642557493	
	F2401	Fine	60*			66261018286	
	F2504	Very Fine A Long Life	60*			66261018287	
	F2503	Gen. Purpose Clean & Scour	60*			66261018288	
	F2801	Micro Fine A	60*			63642557277	
230x280	F4802	Ultra Fine S	60*			63642557494	
	F2504	Very Fine A Long Life	70**			66261018291	
Ø 150	F4801	Ultra Fine	70**			66261018292	
	F2504	Very Fine	10				63642557497
	F4802	Ultra Fine	10				63642557498

*Supplied in packs of 20. **Supplied in packs of 35



Dimensions Key: DIM = Dimensions, W = Width, H = Height, Ø = Diameter



Rolls may be cut for use in jitterbug sanding or on hand sanding applications. Rolls have the durability for indexing machine applications.

APPLICATIONS & MARKETS

- Light deburring
- Cleaning
- Finishing
- Applying decorative finishes



SLIT ROLLS		
BEST	FEATURES	BENEFITS
	■ High quality aluminium oxide or silicon carbide grain	■ Long product life
	■ Uniform web construction	■ Controlled aggressiveness
	■ Can be cut to exact sizes needed	■ Economical; minimal waste
	■ Flexible	■ Conforms to contours of work surface & provides a uniform finish
	■ Non-loading	■ Continual supply of new cutting edges
	■ Non-rusting	■ No contamination of the workpiece
	■ Resilient construction	■ Long life
		■ Waterproof & solvent resistant

WHEN TO CHOOSE LONG LIFE

The “long life” quality features material with a high edge durability. This material is ideal for demanding applications, it provides a fast cut & long life even on irregular surfaces & sharp edges, combined with an excellent finish. The “Very Fine A” quality is ideal where End Users need to have different sizes & shapes to be torn of the rolls, as this can be done easily & quickly by hand. This material is most conformable & provides a similar finish as “Very Fine A long Life.”

SLIT ROLLS

				SLIT ROLLS
DIM W(mm)xL(m)	CAP CODE	GRIT	PK QTY	BEST
100x10	F2300	Medium	2	63642557499
	F2401	Fine	2	66261018300
	F2504	Very Fine	2	63642557738
		Very Fine A Long Life	2	66261018301
	F2801	Micro Fine A	2	63642557500
	F4802	Ultra Fine	2	63642557501
115 x10	F2504	Very Fine	2	63642557739
		Very Fine A Long Life	2	63642587694
	F4802	Ultra Fine	2	63642557503
125 x10	F2300	Medium	2	63642557504
	F2401	Fine	2	66261018307
	F2504	Very Fine	2	63642557740
		Very Fine A Long Life	2	66261018308
	F2801	Micro Fine A	2	63642557505
	F4802	Ultra Fine	2	63642557506
150x10	F2300	Medium	2	63642557507
	F2504	Very Fine A Long Life	2	66261018312
	F4802	Ultra Fine	2	63642557508



Dimensions Key: DIM = Dimensions, W = Width, L = Length



With the two new grades Extra Coarse and Super Fine, the new extended range is suitable for all finishing applications. Finer grits are ideal for pre-polishing. They are highly resistant to loading and clogging. They are very user friendly which reduces the risk of damaging the workpiece.

APPLICATIONS & MARKETS

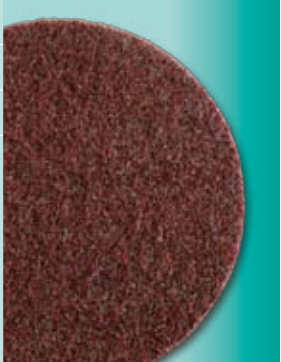
- Removing surface defects
- Removing light edge burrs, parting lines or flashing
- Removing rust, oxides, corrosion, paints & scale
- Cleaning moulds
- Blending mill marks, tool marks, uneven edges & coated abrasive finish



BETTER

SURFACE BLENDING DISCS

FEATURES	BENEFITS
■ Open structure	■ Resists loading on softer materials
■ High abrasive content	■ Fast initial cut rate
■ Flexible backing	■ Conformable



SUPER FLEX BELTS MADE TO ORDER

Flexible material can be compared to J weight backing. Market leading flexibility, excellent on contours. 3 grades available – course, medium & fine. Non-stock product, please ask for further details

BEST

SURFACE BLENDING BELTS

FEATURES	BENEFITS
■ Durable fibre construction	■ Long lasting
■ Very sharp abrasive grain	■ High, continuous cut rate
■ Rigid, low stretch backing	■ Excellent performance on hard materials (steels, nickel, alloys etc.)



SURFACE BLENDING DISCS – EXTRA COARSE

FEATURES	BENEFITS
■ Durable fibre construction	■ Long lasting
■ Very sharp abrasive grain	■ High, continuous cut rate
■ Rigid, low stretch backing	■ Excellent performance on hard materials (steels, nickel, alloys etc.)





PRODUCT SELECTION

WHICH GRADE SHOULD I CHOOSE?

Extra Coarse	Provides longest cutting life & highest aggressiveness to quickly achieve an even surface ready for finer finishing. Ideal for descaling & removing heavy rust & oxides
Coarse	Ideal where a less coarse finish or increased flexibility is required & an aggressive cut is necessary
Heavy Medium	A fast cutting grade for many applications where a finish slightly coarser than a standard medium is acceptable. Combines an excellent cut & finish ratio
Medium	Achieves a good medium finish. Best choice for controlled results on softer materials or expensive alloys
Very Fine	Provides an excellent & uniform finish, ideal choice for fine finishing & pre-coat finishing
Super Fine	The finest & most flexible surface conditioning for decorative finishes & excellent surfaces on soft & hard metals, ideal for pre-polishing

APPLICATION GUIDE

APPLICATION	BELTS-MOS (m/s)*	DISCS-DIA (mm)	DISCS MOS/RPM
Decorative finishing	2,5 -14	115	13,000
Wood sanding	6 - 14	125	10,000
Deburring	25 - 33	150	8,000
Cleaning	10 - 25	178	6,000
Oxide removal	23 - 33		

Testing may show that a lower/faster speed is desirable for specific operations

*Maximum operation speed is 33m/s

SPEC CHECK

- Coarse removes 60 – 120 grit grindlines – for light deburring gridlines
- Medium removes 120 – 180 grit grindlines – for cleaning & rust removal
- Very Fine removes 180 – 320 grit – for finishing, polishing & paint preparation gridlines

SURFACE BLENDING BELTS

				FILE & PORTABLE BELTS	MACHINE BELTS
DIM WxL(mm)	GRIT	COLOUR	PK QTY	BEST	
13 x 305	Coarse	Tan	25	66261198671	
	Medium	Red	25	66261016180	
	Very Fine	Blue	25	66261198642	
13 x 457	Coarse	Tan	25	66261017509	
	Medium	Red	25	66261011417	
	Very Fine	Blue	25	66261198645	
13 x 520	Medium	Red	25	66261198659	
13 x 610	Coarse	Tan	25	66261012018	
	Medium	Red	25	66261012019	
	Very Fine	Blue	25	66261016120	
20 x 457	Medium	Red	25	66261014380	
	Very Fine	Blue	25	66261198654	
20 x 520	Medium	Red	10	66261198660	
25 x 610	Coarse	Tan	10	66261198667	
	Medium	Red	10	66261198662	
	Very Fine	Blue	10	66261198649	
30 x 533	Coarse	Tan	10	63642593016	
	Medium	Red	10	66261198664	
	Very Fine	Blue	10	69957387893	
50 x 450	Extra Coarse	Tan/Blue	10	63642594874	
	Coarse	Tan	10	66261019021	
	Medium	Red	10	66261198652	
	Very Fine	Blue	10	66261019430	
50 x 800	Medium	Red	10		63642593663
50 x 1,500	Coarse	Tan	5		66261012651
	Medium	Red	5		66261017018
50 x 2,000	Coarse	Tan	5		66261017482
	Medium	Red	5		66261019020
	Very Fine	Blue	5		66261019202
50 x 2,500	Coarse	Tan	5		66261198669
	Medium	Red	5		66261198666
	Very Fine	Blue	5		66261198653
72 x 2,000	Coarse	Tan	5		66261014049
	Medium	Red	5		66261014048
	Very Fine	Blue	5		66261019461
75 x 3,000	Coarse	Tan	5		66261198670
	Medium	Red	5		66261014958
100 x 2,500	Very Fine	Blue	3		66261011974
100 x 3,500	Medium	Red	3		66261015037

Dimensions Key: DIM = Dimensions, W = Width, L = Length



NOTES

[illegible]

BACK-UP PADS

TYPE	SIZE	DENSITY	PK QTY	
Thread M14	115	Medium	1	69957382846
	125	Medium	1	69957382841
	150	Medium	1	69957382843
	178	Medium	1	69957382844
	200	Medium	1	69957382842

Dimensions Key: DIA = Diameter

From cleaning and stripping through to final finishing with just one system. Just with one turn, discs can be changed. No slipping, no sticking and always centrally running. Provides the result of comfortable work and less downtime for tool changes.

APPLICATIONS & MARKETS

- De-burring
- Blending
- Cleaning and corrosion removal



FEATURES	BENEFITS
■ Speed-Lok fastener	■ Quick, tool-free disc changes allow for more grinding time
■ Twist on & twist off in 2-1/2 turns	■ Disc locks securely to back-up pad, but is easily removed
■ 25mm x 75mm TS discs – all metal fasteners	■ Mount to the Norton Speed-Lok TS or standard abrasives' quick change back-up pads
■ 25mm x 75mm TR discs – rubber threaded hubs	■ Mount to Norton TR or 3M Roloc back-up pads
■ Small disc sizes	■ Discs can access restricted corners & contours

SURFACE BLENDING

FEATURES	BENEFITS
■ Open structure	■ Resists loading on softer materials (aluminium, gaskets etc.)
■ High abrasive content	■ Fast initial cut rate
■ Flexible backing	■ Conformable



WHITE FELT

FEATURES	BENEFITS
■ Ideal for use with polishing compounds	■ Achieves spectacular results on a variety of metals such as stainless steel or aluminium
■ 50mm x 75mm diameter size available	



BEST

UNITIZED WHEELS TR

Unitized discs are used widely in the preparation of metal surfaces. Excellent for light deburring of flashing & threads, blending alloys, polishing & finishing	
FEATURES	BENEFITS
■ Easily preformed	■ Usable on a wide variety of shapes/contours
■ Hold shape well	■ They do not undercut or gouge which limits accidental damage to the component
■ Non-metallic	■ No contamination of workpiece



HIGH STRENGTH DISC TR

FEATURES	BENEFITS
■ Premium aluminium oxide grain	■ Clean cutting & long lasting
■ Firm, durable web	■ High resistance to tearing on burrs & sharp edges
■ Strong resin binders	■ Highly smear-resistant
■ Smear-proof	■ Produces light satin finishes



RAPID STRIP TR AND TR+

FEATURES	BENEFITS
■ Open web construction	■ Fast cutting & long lasting
■ Conformable	■ Follow difficult part profiles
■ Thick, strong, synthetic fibres & extra coarse grit	■ Easy cleaning of uneven surfaces
■ New 100mm TR+ discs	■ Quick cleaning & conditioning of surfaces
	■ Quick-change replacement; can be used on face & edge



BETTER

BUFFING

FEATURES	BENEFITS
■ Laminated to Lamtuck backing	■ Extra strength
■ Made from soft, flexible material	■ Conforms to shapes & contours, providing a uniform finish



PRODUCT SELECTION

OPTIMUM TOOL SPEED TABLE (for maximum disc cut rate and life)*

DIAMETER	STAINLESS	ALUMINIUM	MID STEEL	TITANIUM	GLASS	COMPOSITES
38mm	20,000	20,000	30,000	9,000	9,000	15,000
50mm	15,000	15,000	20,000	7,000	7,000	10,000
75mm	10,000	10,000	15,000	4,500	4,500	8,000

APPLICATION GUIDE

APPLICATION	RPM	M/S
Cleaning & upgrade of surface conditions	2,000 - 6,000	10 - 30
Deburring	5,500 - 8,000	28 - 40
Cosmetic finish	1,000 - 5,000	5 - 25
Removal of oxides	3,500 - 6,500	18 - 33
Grinding & stock removal	12,000 - 16,000	60 - 80

SPEED LOK DISCS TR & TS

INDUSTRY	APPLICATION	PRODUCTS
Aerospace maintenance	Removing coatings during maintenance work on fueslage & wings in awkward areas, cleaning weld lines	50mm & 75mm coarse & medium
Marine	Cleaning of hulls, finishing of aluminium casings	50mm & 75mm Rapid Strip & SCM in coarse
Automotive	Accessing hard to reach areas, under the bonnet, door frames etc., removing of stonechip coatings	50mm & 75mm Rapid Strip & SCM in coarse
Composites	Removal of squeezed excessive glue	Unitized & surface blending discs
Wood	Removal of old paint & coatings from wooden surfaces - frames etc.	Rapid Strip & surface blending
Food processing	Surface finishing	Discs
Architectural steelwork	Cleaning & finishing of weld joints achieving decorative finishes	Surface blending discs, unitized

TYPE 2 - TS

Turn on/turn off system using a metal to metal fixing



TYPE 3 - TR

Roll-on/roll off system using a nylon threaded male button



*Please note: The operational speed is governed by application and product size

SURFACE BLENDING DISCS

DIA (mm)	CAP CODE	GRIT	PK QTY	TR	TS	TS
				BEST		BETTER
				SURFACE BLENDING	SURFACE BLENDING	BUFFING
50	S2106	Extra Coarse	25	63642586817	63642569668	
	S2300	Medium	25	63642556580	63642556559	63642587176
	S2204	Coarse	25	63642556609	63642556608	63642587177
		Fine	25			63642587175
	S2505	Very Fine	25	63642556575	69957360378	63642587171
	S4704	Super Fine	25	63642585626	63642585670	
75	S2106	Extra Coarse	25	63642586830	63642586820	
	S2300	Medium	25	63642556601	63642556593	63642587180
	S2204	Coarse	25	66261009194	63642519572	63642587181
		Fine	25			63642587179
	S2505	Very Fine	25	63642556599	63642556591	63642587178
	S4704	Super Fine	25	63642585649	63642585676	

SPECIALIST TR

DIA (mm)	GRIT	PK QTY	BEST
			WHITE FELT
50	Felt	25	63642587165
75	Felt	25	63642587167



Dimensions Key: DIA = Diameter



UNITIZED WHEELS TR

DIA (mm)	CAP CODE	GRADE	PK QTY	BEST	
50	U4301	2 AMED	10	636425 85684	
		6 AMED	10	636425 85725	
	U4401	2 SFINE	10	636425 85677	
		4 AFINE	10	636425 85679	
75	U4301	2 AMED	10	636425 85697	
		6 AMED	10	636425 85726	
	U4401	2 SFINE	10	636425 85691	
		4 AFINE	10	636425 85695	

HIGH STRENGTH DISC TR

DIA (mm)	CAP CODE	GRADE	PK QTY	BEST	
50	F2303	Medium	50	636425 85924	
75	F2506	Very Fine	50	636425 85932	

RAPID STRIP TR

DIA (mm)	CAP CODE	GRADE	PK QTY	BEST	BETTER
				RAPID STRIP	STRIPPA
50	R4101	Coa	5	636425 88173	636425 56605
			10		
75	R4101	Coa	5	636425 88175	636425 56624
			10		

RAPID STRIP TR+

DIA (mm)	CAP CODE	GRADE	PK QTY	BEST
				RAPID STRIP
Rapid Strip TR+	R4101	100	1	636425 85751

BACK-UP PADS

DIA (mm)	PK QTY	TR	TS
50	1	76607 17817	636425 01157
75	1	636425 56631	76607 07384

HOLDERS

DIA (mm)	PK QTY	TR	TR+
75	1	636425 87305	
75	1	636425 57133	
50&75	1	636425 87997	
100	1		636425 86196

Adaptors can be used on both Holders TR & TS 50mm & 75mm instead of standard shank to fit M14 thread i.e. for angle grinders.

Dimensions Key: DIA = Diameter



The BearTex Rapid Strip disc is constructed with thick, strong, synthetic fibres and extra-coarse silicon carbide abrasive. The open web construction of the disc provides fast cutting action with very little loading. Safer than wire bristle tools, Rapid Strip is suitable for use in the automotive repair industry.

APPLICATIONS & MARKETS

Removal of surface rust & residue, corrosion, light weld splatter, dirt, mill scale & other similar surface contaminants

- Paint & epoxy coating removal
- Surface prep before coatings are applied
- Surface prep before welding
- Cleaning & conditioning after welding



FEATURES	BENEFITS
■ 50mm & 70mm discs with Speed-Loc TR fastener	■ Quick, tool-free disc changes allow for more grinding time
■ New 100mm TR+ discs	■ Quick-change replacement; can be used on face & edge

*Also available in speedlok discs

BEST

RAPID STRIP DISCS NORGRIP

FEATURES	BENEFITS
■ Norgrip backing	■ For quick & easy disc changing
■ Open web construction	■ Fast cutting action with very little loading
■ Conformable	■ Easy cleaning of uneven surfaces
■ Thick, strong, synthetic fibres & extra coarse grit	■ Quick cleaning & conditioning of surfaces
■ Used with portable tools	■ Easy & safe to use especially in difficult to reach areas

BETTER

RAPID STRIP DISCS

FEATURES	BENEFITS
■ Open web construction	■ Fast cutting action with very little loading
■ Conformable	■ Easy cleaning of uneven surfaces
■ Thick, strong, synthetic fibres & extra coarse grit	■ Quick cleaning & conditioning of surfaces
■ Used with portable tools	■ Easy & safe to use especially in difficult to reach areas

PRODUCT SELECTION

INDUSTRY	APPLICATION	PRODUCTS
RAPID STRIP WHEELS, FIBRE BACKED & DISCS TR PLUS FITTING		
Pharmaceutical industry	Removing weld blueing & oxide on stainless steel wessels	100mm discs
Cast iron	Removing of old gasket material on cylinder heads of diesel engines	50mm Rapid Strip TR & 100mm discs
Automotive	Removing of stonechip coating, paint & rust	100mm discs & TR
Stainless steel fabricators	Weld blending, removing of imperfections, blending spot welds	100/150 & TR/glass fibre backed discs
Stainless steel fabricators	Grain finishing on sheets	Rapid Strip Satinex
RAPID STRIP TR PLUS DISCS		
Automotive/Metalworking	Excellent for removal of rust, undercoating, seam-sealers & stone guards. Can get into hard-to-reach areas like wheel wells & under carriage. Use in trunk beds & door jams. Use to remove oxidation from tyre rims & to remove rust from brake assemblies	Rapid Strip TR Plus discs



NOTES

DIA (mm)	CAP CODE	PK QTY	BEST
115	R4101	5	636425 85706
125	R4101	5	636425 85727
150	R4101	10	636425 85729
178	R4101	5	636425 85730
203	R4101	5	636425 85731

NOTES

DIA (mm)	CAP CODE	PK QTY	BETTER	
			STANDARD	DEPRESSED CTR.
100	R4101	25	636425 85700	
115	R4101	5		636425 85732
125	R4101	5		636425 85749
150	R4101	15	636425 85703	
178	R4101	5		636425 85750
200	R4101	5	636425 85704	

NOTES

DIM DIAxTxS(mm)	CAP CODE	PK QTY	BEST	
			STANDARD	LARGE AREA
75x13x6	R4101	10	636425 85742	
75x25x6	R4101	5	636425 85743	
100x13x6	R4101	10	636425 85741	
100x25x6	R4101	5		636425 85745
150x13x6	R4101	10		636425 85746
150x25x6	R4101	5		636425 85744

NOTES

TYPE	SIZE	DENSITY	PK QTY	
Thread M14	115	Medium	1	69957382846
	125	Medium	1	69957382841
	150	Medium	1	69957382843
	178	Medium	1	69957382844
	200	Medium	1	69957382842

Dimensions Key: DIA = Diameter, T = Thickness, S = Spindle

Available in a wide range of abrasives, grits and densities. The different densities make the products very versatile, ranging from soft cushioning pads ideal for uneven or irregular surfaces, to harder densities for cleaning and finishing metal. Flap wheels are used in many industries from metalworking to woodworking.

APPLICATIONS & MARKETS

- Cleaning threaded parts
- Removing oxide from printed circuit boards
- De-glossing plastic parts
- Producing uniform finishes on aluminium, brass & stainless steel
- Can be used on automatic & robotic equipment



BEST

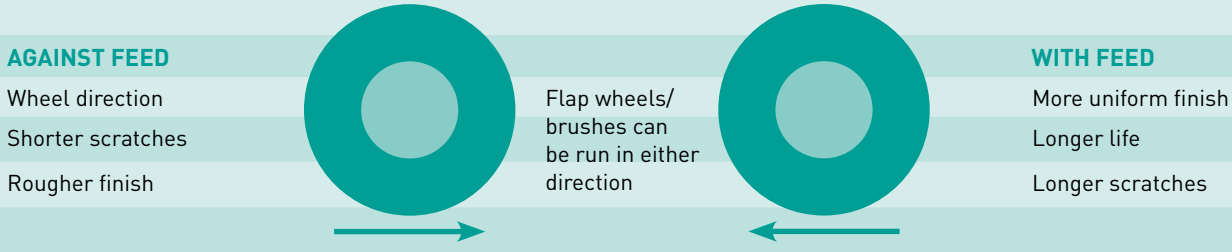
FLAP WHEELS

FEATURES	BENEFITS
■ SGA to supply text	■
■	■
■	■

PRODUCT SELECTION

WHEEL DIRECTIONS/RECOMMENDATIONS

Wheel speed is an important factor, that affects lifetime, rate of cut & finish. Fast wheels give generally a finer finish & act more aggressively, whereas lower speeds result in a coarser finish & are less aggressive for the same wheel density. Testing may show that a faster/slower speed is desirable for specific operations.



MAX RPM

OUTER DIA (mm)	MAX RPM
200	2,500
250	2,200
300	1,900
350	1,600
400	1,400
450	1,100

FLANGE MOUNTED FLAP WHEELS

DIM DxWxB (mm)	GRADE	CAP CODE	PK QTY	BETTER FLANGE MOUNTED
200x50x76	Medium A	F2300	1	63642588131
	Very Fine A	F2504	1	63642588137
	Very Fine S	F4501	1	63642588145

SPINDLE MOUNTED FLAP WHEELS

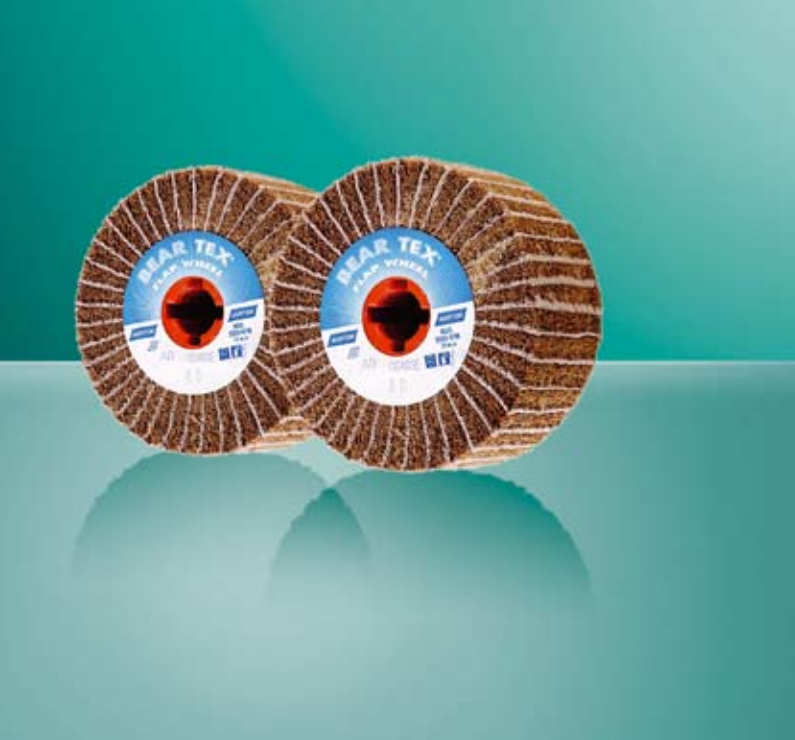
DIM DxWxB (mm)	GRADE	CAP CODE	PK QTY	BETTER SPINDLE MOUNTED
100x50x6	Fine	F2401	1	63642515903
	Fine A interleaved	F2401	1	63642515908
80x50x6	Fine A	F2401	1	63642515583
	Extra Cut	F2302	1	63642586113
	Fine A interleaved	F2401	1	63642587702
60x30x6	Fine A interleaved	F2401	1	63642549640

Dimensions Key: DIM = Dimensions, D = Diameter, W = Width, B = Bore, S = Spindle

These versatile wheels are used on portable machines and are compatible with the most commonly used systems in the market. Satinex wheels consist of a core of radially bonded strips of non-woven flaps.

APPLICATIONS & MARKETS

- Decorative finishing
- Weld blending
- Removing paint
- Removing scales oxide & rust
- For use on wood & stainless steel



BEST

WHEELS FOR SATINEX MACHINES

FEATURES	BENEFITS
Key way fitting	High compatability with most common systems in the market
Used on portable machines	High mobility & flexibility
Wide range of different grades	From rust removal to a satin finish
Advanced flap wheel construction	Ensures perfect linear finish for repair & touch-up jobs

WHEELS FOR SATINEX MACHINES					
TYPE	DIM DxTxB (mm)	CAP CODE	GRADE	PK QTY	BETTER
Satinex	110x100x19	F2200	Coarse	6	63642557218
		F2300	Medium	6	63642557404
		F2400	Fine	6	63642557405
		F2504	Very fine	6	63642557406
Satinex Interleaved	110x100x19	F2200	Coarse	6	63642557407
	110x100x10	F2300	Medium	6	63642557408
Satinex Polyurethane	110x100x19	P2W01	Coarse	6	63642557410
Satinex Rapid Strip	110x100x19	R4101	Extra Coarse	6	63642557184

Dimensions Key: DIM = Dimensions, D = Diameter, T = Thickness, B = Bore

PRODUCT SELECTION

TYPE	INDUSTRY	APPLICATION	PRODUCTS
WHEEL DIRECTIONS/RECOMMENDATIONS			
Flap brushes all densities	Architectural hardware	Finishing brass aluminium & steel, satin finishing	BearTex flap wheels provide a cushioned abrasive action which not only works well on flas areas, but is also ideal for use in finishing operations on uneven surfaces where they need to adjust to the surface & give a uniform finish. When used on most metals, A/O (aluminium oxide) flap wheels will produce a long line scratch pattern with a dull satin, matte type finish. The S/C (silicon carbide) flap wheels will produce a long line scratch finish with a semi-bright, matte type finish
	Cast iron	Removing of old gasket material on cylinder heads of diesel engines	
	Automotive	Removing of stonechip coating, paint & rust	
	Stainless steel fabricators	Weld blending, removing of imperfections, blending spot welds	
	Stainless steel fabricators	Grain finishing on sheets	
Satinex wheels	Architectural hardware	Decorative finishing	Satinex Fine and Very Fine or bright linear finishes
	Wood	Removing paint & smoothing surface	Satinex Interleaved Grit 80
	Food processing	Weld blending, sating finishing	Satinex Very Fine - Polyurethane
	Stainless steel fabricators	Surface finishing removing of imperfections	Satinex Medium A
	Metal	Cleaning removing scales, oxide & rust	Satinex Rapid Strip
Wide faced brushes	Strip metal	Cleaning - splatter removal, finishing	Non-woven brushes different densities/ plus interleaved with coated abrasives
	Wood chip board	Defuzzing	Non-woven brushes different densities/ plus interleaved with coated abrasives

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BearTex unitized wheels are made from compressed and bonded layers of non-woven abrasive. Applications include deburring, cleaning composites, and sharp edge removal.

Unitized wheels produce excellent finishes on nearly all surfaces, although are ideally suited for use on harder materials such as Titanium or Stainless Steel.

APPLICATIONS & MARKETS

- Surface preparation, cleaning & finishing
- Turbine blades & aerospace maintenance
- Medical instruments
- Cleaning weld lines & moulds
- Tooling industry



BEST

UNITIZED WHEELS

FEATURES	BENEFITS
■ Easily preformed	■ Usable on a wide variety of shapes/contours
■ Holds shape well	■ Less wheel dressing
■ Non-metallic	■ No contamination of workpiece
■ Uniform construction	■ Extra long life. Maintains part tolerance, prevents cutting or gouging
■ Smear resistant formula	■ Excellent smear free finish

PRODUCT SELECTION

APPLICATION AREA	SPECIFIC APPLICATION	SPECIFICATION	RECOMMENDED SPEEDS
UNITIZED WHEELS			
Cleaning: Oxidation removal, coatings, contaminations	Welding preparation, removal of weld blueing, scale removal, gasket removal, removing excessive bonding agents after curing, cleaning steel castings	NEX 4AFINE, 6AF 8AMED	10-26ms
Durburring: Surface; edge, ID_OD & thread de-burring	De-burring flashings, threaded parts, stamped parts, turbine blades, machined out parts, de-burr aluminium extrusions, de-burring of pipes in the oil & gas industry	NEX 2SFINE, 4AFINE	10-26ms
De-burring: OD & thread de-burring	De-burring of pipe threads in oil & gas industry	NEX 7 SXC	10-26ms
Blending: Removal of parting lines, grindline conditioning	Parting line removal, blending surface defects & forge marks	NEX 8MED, 8ACOARSE	30-40ms
Finishing: final finishing, satin finishing	Turbine blade edge radius, medical implants (stainless steel and alloys), figurines, jewellery, finishing saw blades	NEX 6AF, 8AM	2,5-15ms
Polishing: polishing surface defects, preparation before buffing	Polishing precision metal pieces, welds etc	NEX 2SFINE, 8AFINE	2,5-15ms

UNITIZED WHEEL NAMING SCHEME

	Product Line	Density	Abrasive Type	Grit Size
Name of product line: NEX or series 10	NEX	2 3 4 5 6 7 8 9	A = Aluminium Oxide S = Silicon Carbide	F = Fine M = Medium C = Coarse XC = Extra Coarse
Naming scheme: Similar to convolute wheels				
NEX - 8AC				

SPEC CHECK

- Unitized wheels can be run in either direction



Formed by wrapping and bonding web material impregnated with abrasive grain and resin around a centre core. Convolute wheels offer a wide range of utility from heavy burr removal to cleaning rust and oxides.

APPLICATIONS & MARKETS

- Burr & flash removal
- Reducing surface roughness
- Blending welds on stainless steel
- Blending scratch patterns
- Weld polishing
- Removing rust & oxides
- Applying decorative finishes



BEST

LONG LIFE

FEATURES	BENEFITS
■ Smear & heat resistant formula	■ Use dry, wet or with oil
■ Waterproof non-metallic	■ No contamination of workpiece
■ Dense web construction (9 density)	■ Long life & consistent high quality results
■ More open web construction (6 density)	■ Starting point for deburring, blending, polishing & finishing
	■ Smear proof & cool cutting on light deburring applications



BETTER

B442-XHD

FEATURES	BENEFITS
■ Closed mesh, very dense product	■ Superior performance
■ Yields faster cut rates while producing finer finishes	■ Long life



BETTER

DMA METAL FINISHING

FEATURES	BENEFITS
■ Strongest resin binders	■ Resilient long life construction
■ Dense, very durable web	■ Can be used for light deburring applications
■ Premium, medium grit aluminium oxide grain	■ Generates uniform distinct satin & antique finishes
■ Uniform grain dispersion & coating	■ Cleans & conditions without gouging or changing dimensions of workpiece



DSS SURFACE FINISHING

FEATURES	BENEFITS
■ Stronger web compared to Clean/Finish wheels	■ More aggressive cutting action & more durability than Clean/Finish wheels
	■ Ideal for rust & paint removal, coarse decorative finishes & blending



SERIES 1000

FEATURES	BENEFITS
■ Smear & heat resistant formula	■ Use dry, wet or with oil
■ Waterproof non-metallic	■ No contamination of workpiece
■ Dense web construction (9 density)	■ Long life & consistent high quality results
■ More open web construction (6 density)	■ Starting point for deburring, blending, polishing & finishing
	■ Smear proof & cool cutting on light deburring applications



SERIES 2000

FEATURES	BENEFITS
■ Improved resin bond system	■ Consistent, high quality results – smear-proof
■ Conformable & flexible	■ Eliminates “over cut” or gouging on titanium products like prostheses & aerospace turbine blades
	■ Cool cutting where heat generation must be kept to a minimum



BETTER

SERIES 4000

FEATURES	BENEFITS
■ Improved resin bond system	■ Free cutting – use both wet & dry
■ High quality synthetic web	■ More consistent finish. Better performance
■ Smear & heat resistant	■ Long life for heavy deburring, edge breaking & removing parting lines on exotic meals
■ Premium abrasive grain	
■ Waterproof	



PRODUCT SELECTION

APPLICATION AREA	SPECIFIC APPLICATION	SPECIFICATION	RECOMMENDED SPEEDS
Cleaning	General purpose cleaning, removing rust oxidation, corrosion, discolouration, flashings, pipe threads, machine parts, plastic moulded parts	16 AM - 18 AM	11-32 ms/ 2,200 - 6,000 SFPM
Deburring	Removing medium to heavy burrs – deburring die cast/smoothing radii on metal parts/ blending coated abrasive scratch pattern	1 - 9 SF	28-41 ms/ 5,500 - 8,000 SFPM
Blending	Smoothing parting lines, polishing welds, machine parts	1 - 7 SF	28-41 ms/ 5,500 - 8,000 SFPM
Finishing	Satin finish, cosmetic finish, brush finish	1 - 7 SF	2-15 ms/ 500 - 3,000 SFPM
Pressure	Light to medium pressure is recommended for most operations Avoid excessive pressure which may result in wheel deformation & damage to the work surface		
Feed speed	Feed speeds directly affect the number of pieces completed over a given period of time Slow feed speed reduces the number of workpieces completed, while producing a shorter scratch pattern Slow feed speed allows for longer dwell time & permits more work to be done on each piece Conversely, a fast feed speed increases the number of workpieces completed, while producing a longer scratch pattern		
Oscillation	Oscillation may be used to break up scratch lines & produce a more uniform finish Additionally, an increase in cut may be experienced A general starting point for oscillation is 3/8" amplitude at 200 cycles per minute		
Lubricants	Lubricants, such as water, water soluble oil & straight oil, will decrease the heat generated while running, improve the luster & improve the surface finish The higher the viscosity of the lubricant, the lower the surface finish (RMS value) produced		

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SPEC CHECK

- Testing may show that a slower or faster speed is desirable for specific operations. Never exceed the maximum R.P.M. rating of the wheel



CONVOLUTE WHEELS										
					LONG LIFE	B442	DSS SURF. FINISH	SERIES 1000	SERIES 2000	SERIES 4000
DIM DxWxH (mm)	SHAPE	DENSITY	ABRASIVE TYPE	PK QTY	BEST	BETTER				
150x12x25	D17	Fine	SIC	1	66261018628					
		Medium	ALOX	1	66261018857					
			SIC	1	69957397880					
	D18	Fine	SIC	1	66261018773					
		Medium	ALOX	1	66261018789					
	D49	Fine	SIC	1						66261004021
	DBS	Fine	SIC	1		66261054908				
150x25x25	D16	Fine	ALOX	1				66261055204		
		Medium	ALOX	1				66261055205		
		Medium	SIC	1				66261055202		
	D17	Fine	SIC	1				66261055223		
	D19	Medium	SIC	1				66261055371		
	D48	Fine	SIC	1						66261008658
		Medium	ALOX	1						66261004208
	DBS	Fine	SIC	1		69957352335				
	DSS	Medium	SIC	1			66261058550			
Coarse	SIC	1				66261058553				
150x50x25	D17	Fine	ALOX	1				66261008897		
		Medium	ALOX	1				66261055229		
	DSS	Medium	SIC	1			66261058560			
200x25x76	D16	Fine	SIC	1	66261019693					
		Medium	SIC	1				66261055208		
	D17	Fine	ALOX	1				69957352389		
			SIC	1	66261018639			69957394795		
		Medium	ALOX	1				66261055232		
			SIC	1	69957394610					
	D18	Fine	SIC	1	66261018775					
		Medium	ALOX	1	66261018855					
			SIC	1	66261018673					
	D19	Fine	SIC	1	66261018641			66261008886		
		Medium	SIC	1	66261018997					
	D28	Fine	SIC	1					66261013094	
	D48	Fine	SIC	1						66261004123
		Medium	ALOX	1						66261004165

CONVOLUTE WHEELS (CONTINUED)										
					LONG LIFE	B442	DSS SURF. FINISH	SERIES 1000	SERIES 2000	SERIES 4000
DIM DxWxH (mm)	SHAPE	DENSITY	ABRASIVE TYPE	PK QTY	BEST	BETTER				
200x50x76	D16	Medium	SIC	1				66261055211		
	D17	Fine	ALOX	1				66261009252		
			SIC	1	66261018877			66261055233		
		Medium	ALOX	1				66261055235		
	D18	Fine	SIC	1	66261019629					
	D19	Fine	SIC	1	66261018987			66261055276		
	DBS	Fine	SIC	1		66261058718				
250x12x127	D17	Fine	SIC	1	69957352396					
	D18	Fine	SIC	1	66261019221					
		Medium	ALOX	1	69957352395					
			SIC	1	66261019005					
	D19	Fine	SIC	1	66261019222					
250x25x76	D28	Fine	SIC	1					69957352334	
250x25x127	D18	Medium	ALOX	1	69957352402					
250x50x127	D28	Fine	SIC	1					66261013058	
300x50x125	DSS	Coarse	SIC	1			66261058574			
305x50x127	D28	Fine	SIC	1					66261013060	

Dimensions Key: DIM = Dimensions, D = Diameter, W = Width, H = Height



BearTex® offers a wide range of Floor Pads from stripping right through to mirror gloss finishing. For general scrubbing and cleaning applications BearTex® offers two pads that will remove surface dirt and grime to get the floor back in shape before recoating or buffing.

APPLICATIONS & MARKETS

- ?
- ?
- ?
- ?



PRODUCT SELECTION

Black Super Strip		A thick pad that is aggressive, durable, and consistent, for wet stripping applications
Green Super Scrub		A heavy duty wet scrubbing pad that will remove the toughest scuff marks in heavily soiled traffic areas
Blue Super Clean		For general duty scrubbing or heavy spray cleaning jobs.
Beige		For buffing and polishing, good for light traffic areas
Red buffer		Generally used where a high gloss finish is desired when dry or spray buffing. It can also be used for light cleaning applications
White super gloss		A non-abrasive polishing/buffing pad, used dry or with a fine mist to yield a mirror gloss shine

BUFFING & POLISHING

- Designed to produce consistent performance and assure you a mirror gloss shine.

STANDARD FLOOR PADS

DIA (mm)	CAP CODE	GRADE	PK QTY	BETTER
406	JF175	White Super Gloss	5	63642585892
	JF176	Red Buffer	5	63642585890
	JF177	Beige	5	63642585873
	JF178	Black Super Strip	5	63642585841
	JF180	Green Super Scrub	5	63642585877
	JF181	Blue Super Clean	5	63642585868

THIN LINE FLOOR PADS

DIA (mm)	CAP CODE	GRADE	PK QTY	BETTER
406	JU014	Black	10	63642585895
	JF068	Green	10	63642585899
	JF040	Beige	10	63642585903
	JF175	White	10	63642585904

All products come with an 89mm removable centrepiece

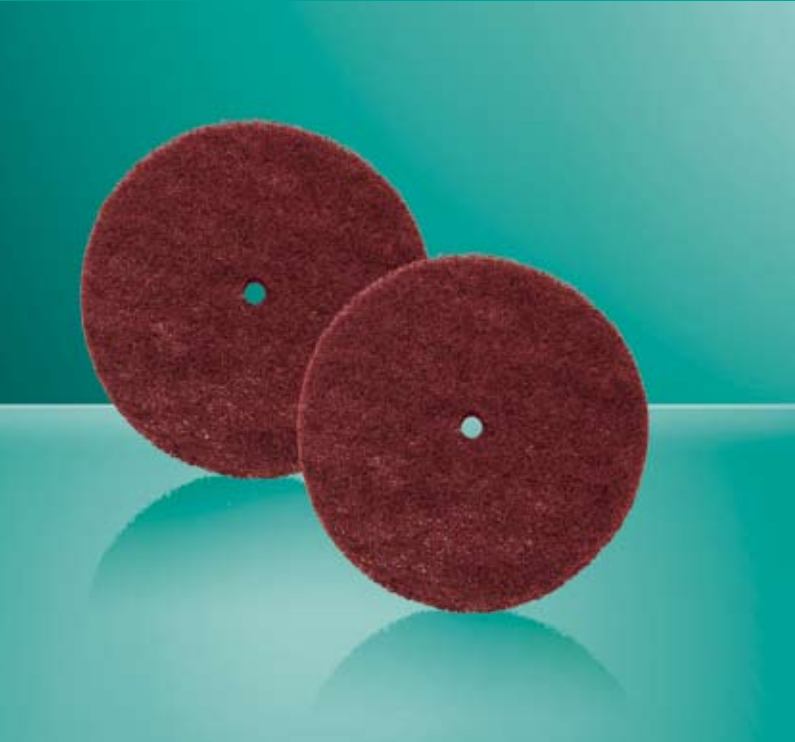


Dimensions Key: DIA = Diameter

Made of a strong nylon web impregnated with abrasive grain and resin, Beartex® High Strength Discs are designed to be used for demanding applications on a wide range of substrates.

APPLICATIONS & MARKETS

- Rust/Oxide or coating removal
- Satin finishing of stainless steel cutlery
- Root finishing of titanium turbine blades
- Finishing of stainless steel & aluminium components
- Cleaning moulds and castings



NEW SECTION PAGE

BEST

SWE	
FEATURES	BENEFITS
■ Durable	■ Good product life
■ Tear resistant	■ Helps avoid gouging or chunking the workpiece
■ Flexible	■ Follow surface contours ■ Can be used for chamfering

HIGH STRENGTH DISCS				
DIM DxB (mm)	CAP CODE	GRADE	PK QTY	BEST
150x12	F2303	Medium	70	63642585909
	F2506	Very Fine	70	63642585912
200x12	F2303	Medium	50	63642585915
	F2506	Very Fine	50	63642585918

Dimensions Key: DIM = Dimensions, D = Diameter, B = Bore