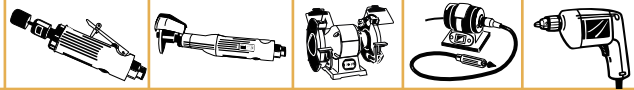


NON-WOVEN WHEELS

MACHINES USED



CATEGORY DEFINITION

Made from non-woven synthetic fiber mesh, which is impregnated with abrasives and bound with resins, non-woven wheels are designed to create desired surface finish where little or no stock removal is required. The industry's broadest offering is available for light stock removal, deburring, blending, finishing and polishing.

Non-woven wheels have an open mesh construction that is waterproof, washable, conformable and non-loading.

APPLICATIONS: Cleaning and removing imperfections on metal surfaces, cleaning built-up residue, deburring or finishing a variety of surfaces, blending weld seams or creating decorative finishes. Non-woven surface finishing products have excellent versatility.

ABRASIVE GRAIN: Aluminum Oxide, Silicon Carbide

GRIT RANGE: Extra Coarse (XC), Coarse (C), Medium (M), Fine (F),



APPLICATION/GRIT RECOMMENDATION GUIDE

	MOST AGGRESSIVE				LEAST AGGRESSIVE			
NORTON	RAPID STRIP WHEELS	RAPID BLEND UNIFIED WHEELS	SERIES 4000 & 1000 CONVOLUTE WHEELS	METAL FINISHING CONVOLUTE WHEELS	CLEAN & FINISH CONVOLUTE WHEELS	LIGHT FINISHING CONVOLUTE WHEELS	NON-WOVEN / INTERLEAF FLAP WHEELS	
SCALE REMOVAL	BEST CHOICE							
STOCK REMOVAL		BEST CHOICE	2ND CHOICE					
HEAVY DEBURRING		BEST CHOICE	2ND CHOICE					
DECORATIVE FINISHING				BEST CHOICE	2ND CHOICE			
BLENDING			BEST CHOICE	2ND CHOICE				
CLEANING				2ND CHOICE	BEST CHOICE			
LIGHT DEBURRING			2ND CHOICE			BEST CHOICE		
LIGHT FINISHING			2ND CHOICE			BEST CHOICE		
POLISHING						BEST CHOICE	2ND CHOICE	
BUFFING							BEST CHOICE	

SURFACE FINISH VARIABLES

Changes in any one of many factors can affect the surface finish on the workpiece. This chart shows the effect on surface finish by changes in single factors of product specifications. Arrows have been used to signify the trend direction. The arrow length does not signify that the effect of each factor is equal.

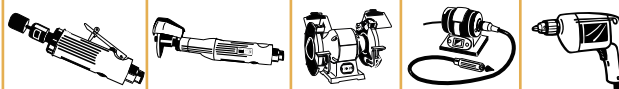
Variable Factor	Rough Finish High Rms Reading	Smooth Surface Lower Rms Reading
1. Wheel Speed	Slow	Fast
2. Feed Speed	Faster (Long Scratch)	Slower (Short Scratch)
3. Oscillation	No Oscillation	Oscillation
4. Lubricants	Dry	Water
	Soluble Oil	Straight Oil
	Compounds	

NON-WOVEN MARKING SYSTEM

ABRASIVE	S/C			A/O
	SHARPER, FINER/BRIGHTER SCRATCH PATTERN		MORE DURABLE, LONGER LASTING, POLISHED FINISH	
GRIT SIZE	XC (24-36)	C (50-80)	M (100-150)	F (180-220)
	FASTER, AGGRESSIVE CUT, ROUGHER FINISH		REDUCED CUT RATE, FINER FINISH	
DENSITY	2			9
	SOFT, OPEN, CONFORMABLE, LESS BURNING/LOADING		HARDER, MORE DURABLE, FASTER CUTTING, BETTER FINISH	

NON-WOVEN UNIFIED WHEELS

MACHINES USED



Rapid Blend Unified Wheels CONTINUED



AVAILABILITY

NORTON RAPID BLEND DEBURRING UNIFIED WHEELS

GOOD STARTING SPECIFICATION FOR HIGH-SPEED DEBURRING APPLICATIONS

FEATURES

■ Controlled density range

BENEFITS

■ More durable than General Duty Wheels

TIER: **GOOD**

BRAND: Norton

TRADENAME: **RAPID BLEND DEBURRING UNIFIED WHEELS**

SIZE (D x T x H)	ABRASIVE	GRIT	MAX. RPM	STD. PKG.	PART #
2 x 1/4 x 1/4	A/O	220	20,000	60	66261052200
2 x 1/2 x 1/4	A/O	120	20,000	40	66261058876
	S/C	220	20,000	40	66261058782
3 x 1/4 x 1/4	A/O	220	18,000	40	66261058877
	S/C	220	18,000	40	66261058854
3 x 1/2 x 1/4	S/C	220	18,000	20	66261058859
3 x 3/4 x 1/4	A/O	220	18,000	20	66261058881



AVAILABILITY

NORTON RAPID BLEND GENERAL DUTY DEBURRING UNIFIED WHEELS

GOOD CHOICE FOR GENERAL PURPOSE LIGHT DEBURRING APPLICATIONS

FEATURES

■ Outstanding resistance to snagging

BENEFITS

■ For general purpose light deburring applications

TIER: **GOOD**

BRAND: Norton

TRADENAME: **RAPID BLEND GENERAL DUTY UNIFIED WHEELS**

SIZE (D x T x H)	ABRASIVE	GRIT	DENSITY	MAX. RPM	STD. PKG.	PART #
1 x 1 x 3/16	A/O	C	8	15,000	50	66261000938
2 x 1/4 x 1/4	A/O	C	8	11,000	60	66261052275
2 x 1/2 x 1/4	A/O	F	4	11,000	40	66261058764
3 x 1/4 x 1/4	A/O	C	8	8,000	40	66261052276
	A/O	F	4	8,000	40	66261058816
	S/C	F	4	8,000	40	66261000745
3 x 1/2 x 1/4	A/O	F	4	8,000	20	66261054046
	S/C	F	4	8,000	20	66261054048
3 x 3/4 x 1/4	A/O	F	4	8,000	20	66261058769
	S/C	M	4	8,000	20	66261058773
	S/C	F	4	8,000	20	66261058771
6 x 1/2 x 1/2	S/C	M	4	4,800	8	66261058779
6 x 1 x 1/2	S/C	M	4	4,800	4	66261058792
	S/C	F	4	4,800	4	66261058790
	S/C	F	4	4,800	4	66261058797