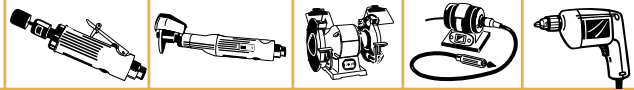


## NON-WOVEN WHEELS

### 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			
<b>NORTON</b>	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.

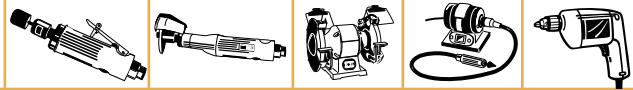
Variable Factor	Rough Finish High Rms Reading	Smooth Surface Lower Rms Reading
<b>1. Wheel Speed</b>	Slow	Fast
<b>2. Feed Speed</b>	Faster (Long Scratch)	Slower (Short Scratch)
<b>3. Oscillation</b>	No Oscillation	Oscillation
<b>4. Lubricants</b>	Dry	Water
	Soluble Oil	Straight Oil
	Compounds	

### NON-WOVEN MARKING SYSTEM

<b>ABRASIVE</b>	S/C			A/O
	SHARPER, FINER/BRIGHTER SCRATCH PATTERN		MORE DURABLE, LONGER LASTING, POLISHED FINISH	
<b>GRIT SIZE</b>	XC (24-36)	C (50-80)	M (100-150)	F (180-220)
	FASTER, AGGRESSIVE CUT, ROUGHER FINISH		REDUCED CUT RATE, FINER FINISH	
<b>DENSITY</b>	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



### NORTON NEX RAPID BLEND WHEELS

GOOD CHOICE FOR LIGHT DEBURRING AND BLENDING

#### FEATURES

- Uniform construction
- Smear-resistant formula

#### BENEFITS

- Extra long life
- Excellent, consistent, smear-free finishes

### AVAILABILITY

TIER:

**GOOD**

BRAND:

Norton

TRADENAME:

#### NEX RAPID BLEND UNIFIED WHEELS

SIZE (D x T x H)	ABRASIVE	GRIT	MAX. RPM	STD. PKG.	2 DENSITY PART #	3 DENSITY PART #	4 DENSITY PART #	6 DENSITY PART #	7 DENSITY PART #	8 DENSITY PART #
1 x 1 x 3/16	A/O	C	30,000	50						66261014915
	A/O	M	18,000	50	66261014891					
	A/O	M	30,000	50				66261014908		66261014924
	A/O	F	30,000	50				66261014900		
	S/C	F	18,000	50	66261014883					
	S/C	F	30,000	50				66261014904		66261014923
2 x 1/8 x 1/4	A/O	M	22,000	60						66261014927
2 x 1/4 x 1/4	A/O	C	22,000	60						66261014916
	A/O	M	18,000	60	66261014892					
	A/O	M	22,000	60						66261014926
	A/O	F	22,000	60				66261014901		
	S/C	M	22,000	60						66261014964
	S/C	F	18,000	60	66261014884					
2 x 1/2 x 1/4	A/O	M	22,000	30						66261014925
3 x 1/8 x 1/4	A/O	M	18,000	40						66261014934
3 x 1/4 x 1/4	A/O	C	18,000	40						66261014919
	A/O	M	12,000	40	66261014894					
	A/O	M	18,000	40				66261014909		66261014930
	A/O	F	18,000	40			66261015565	66261014902		
	S/C	M	18,000	40						66261014937
	S/C	F	12,000	40	66261014886	66261016392				
3 x 1/4 x 3/8	A/O	C	18,000	40						66261014920
	A/O	M	12,000	40	66261014895					
	A/O	M	18,000	40				66261014910		66261014933
	A/O	F	12,000	40			66261014899			
	S/C	M	18,000	40						66261014965
	S/C	F	12,000	40	66261014887	66261016006				
3 x 1/2 x 1/4	S/C	F	18,000	40				66261014905		
	A/O	C	18,000	20						66261014917
	A/O	M	12,000	20	66261014893					
	A/O	M	18,000	20				66261014928		
3 x 1/2 x 3/8	S/C	F	12,000	20	66261014885					
	A/O	C	18,000	20						66261014918
	A/O	M	18,000	20						66261014929
3 x 1 x 3/8	S/C	XC	14,000	10					66261014914	
	S/C	XC	14,000	10						
6 x 1/2 x 1	A/O	M	7,500	4						66261014931
6 x 1 x 1	A/O	M	5,000	2	66261014896					
	S/C	F	5,000	2	66261014888					

