

WÜRTH ABRASIVES GUIDE



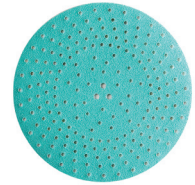


Würth Emerald Film Discs

- Perfect for wet sanding applications
- Open grain reduces heat and loading
- Film backing outlasts paper
- Ideal for solid surface
- Highest quality and performance combination

VELCRO 5" Multi Hole

grit	box qty	item no.
60	50	850636200696150
80	50	850636200896150
100	50	850636201096150
120	50	850636201296150
150	50	850636201596150
180	50	850636201896150
220	50	850636202296150
240	50	850636202496150
280	50	850636202896150
320	50	850636203296150
400	50	850636204096150
500	50	850636205096150



PSA 5" No Hole

grit	box qty	item no.
60	100	8506342206961100
80	100	8506342208961100
100	100	8506342210961100
120	100	8506342212961100
150	100	8506342215961100
180	100	8506342218961100
220	100	8506342222961100
240	100	8506342224961100
280	100	8506342228961100
320	100	8506342232961100
400	100	8506342240961100
500	100	8506342250961100



VELCRO 5" No Hole

grit	box qty	item no.
60	50	850634200696150
80	50	850634200896150
100	50	850634201096150
120	50	850634201296150
150	50	850634201596150
180	50	850634201896150
220	50	850634202296150
240	50	850634202496150
280	50	850634202896150
320	50	850634203296150
400	50	850634204096150
500	50	850634205096150



PSA 5" 5 Hole

grit	box qty	item no.
60	100	8506372206961100
80	100	8506372208961100
100	100	8506372210961100
120	100	8506372212961100
150	100	8506372215961100
180	100	8506372218961100
220	100	8506372222961100
240	100	8506372224961100
280	100	8506372228961100
320	100	8506372232961100
400	100	8506372240961100
500	100	8506372250961100



VELCRO 5" 5 Hole

grit	box qty	item no.
60	50	850637200696150
80	50	850637200896150
100	50	850637201096150
120	50	850637201296150
150	50	850637201596150
180	50	850637201896150
220	50	850637202296150
240	50	850637202496150
280	50	850637202896150
320	50	850637203296150
400	50	850637204096150
500	50	850637205096150



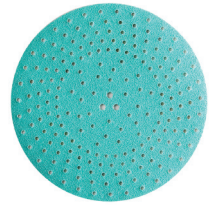
PSA 6" No Hole

grit	box qty	item no.
60	100	8506343206961100
80	100	8506343208961100
100	100	8506343210961100
120	100	8506343212961100
150	100	8506343215961100
180	100	8506343218961100
220	100	8506343222961100
240	100	8506343224961100
280	100	8506343228961100
320	100	8506343232961100
400	100	8506343240961100
500	100	8506343250961100



VELCRO 6" Multi-Hole

grit	box qty	item no.
60	50	850636300696150
80	50	850636300896150
100	50	850636301096150
120	50	850636301296150
150	50	850636301596150
180	50	850636301896150
220	50	850636302296150
240	50	850636302496150
280	50	850636302896150
320	50	850636303296150
400	50	850636304096150
500	50	850636305096150



PSA 6" 6 Hole

grit	box qty	item no.
60	100	8506333206961100
80	100	8506333208961100
100	100	8506333210961100
120	100	8506333212961100
150	100	8506333215961100
180	100	8506333218961100
220	100	8506333222961100
240	100	8506333224961100
280	100	8506333228961100
320	100	8506333232961100
400	100	8506333240961100
500	100	8506333250961100



VELCRO 6" No Hole

grit	box qty	item no.
60	50	850634300696150
80	50	850634300896150
100	50	850634301096150
120	50	850634301296150
150	50	850634301596150
180	50	850634301896150
220	50	850634302296150
240	50	850634302496150
280	50	850634302896150
320	50	850634303296150
400	50	850634304096150
500	50	850634305096150



VELCRO 6" 6 Hole

grit	box qty	item no.
60	50	850633300696150
80	50	850633300896150
100	50	850633301096150
120	50	850633301296150
150	50	850633301596150
180	50	850633301896150
220	50	850633302296150
240	50	850633302496150
280	50	850633302896150
320	50	850633303296150
400	50	850633304096150
500	50	850633305096150



NOTE: **BOLD ITEMS** are in stock, others are available upon request in full case quantities



Wurth Gold Discs & Sheets

- Open coat design reduces heat and loading
- High performance at an affordable price
- Latex impregnated "C" weighted paper to ensure longer lasting service, superb moisture resistance and flexibility
- Heat-treated aluminum oxide cuts faster, lasts longer and reduces swirl marks
- "C" weight paper outperforms competitive products
- Ideal for universal and fine sanding as well as stock removal



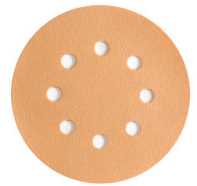
PSA 5" No Hole

grit	box qty	item no.
60	100	8507342206961100
80	100	8507342208961100
100	100	8507342210961100
120	100	8507342212961100
150	100	8507342215961100
180	100	8507342218961100
220	100	8507342222961100
240	100	8507342224961100
280	100	8507342228961100
320	100	8507342232961100
400	100	8507342240961100
500	100	8507342250961100



VELCRO 5" No Hole

grit	box qty	item no.
60	50	850734200696150
80	50	850734200896150
100	50	850734201096150
120	50	850734201296150
150	50	850734201596150
180	50	850734201896150
220	50	850734202296150
240	50	850734202496150
280	50	850734202896150
320	50	850734203296150
400	50	850734204096150
500	50	850734205096150



VELCRO 5" 8 Hole

grit	box qty	item no.
60	50	850732200696150
80	50	850732200896150
100	50	850732201096150
120	50	850732201296150
150	50	850732201596150
180	50	850732201896150
220	50	850732202296150
240	50	850732202496150
280	50	850732202896150
320	50	850732203296150
400	50	850732204096150
500	50	850732205096150



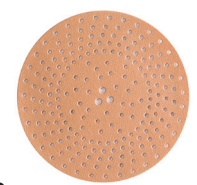
PSA 5" 5 Hole

grit	box qty	item no.
60	100	8507372206961100
80	100	8507372208961100
100	100	8507372210961100
120	100	8507372212961100
150	100	8507372215961100
180	100	8507372218961100
220	100	8507372222961100
240	100	8507372224961100
280	100	8507372228961100
320	100	8507372232961100
400	100	8507372240961100
500	100	8507372250961100



VELCRO 5" 5 Hole

grit	box qty	item no.
60	50	850737200696150
80	50	850737200896150
100	50	850737201096150
120	50	850737201296150
150	50	850737201596150
180	50	850737201896150
220	50	850737202096150
240	50	850737202496150
280	50	850737202896150
320	50	850737203296150
400	50	850737204096150
500	50	850737205096150



VELCRO 5" Multi-Hole

grit	box qty	item no.
60	50	850736200696150
80	50	850736200896150
100	50	850736201096150
120	50	850736201296150
150	50	850736201596150
180	50	850736201896150
220	50	850736202296150
240	50	850736202496150
280	50	850736202896150
320	50	850736203296150
400	50	850736204096150
500	50	850736205096150

PSA 6" No Hole

grit	box qty	item no.
60	100	8507343206961100
80	100	8507343208961100
100	100	8507343210961100
120	100	8507343212961100
150	100	8507343215961100
180	100	8507343218961100
220	100	8507343222961100
240	100	8507343224961100
280	100	8507343228961100
320	100	8507343232961100
400	100	8507343240961100
500	100	8507343250961100



VELCRO 6" 6 Hole

grit	box qty	item no.
60	50	850733300696150
80	50	850733300896150
100	50	850733301096150
120	50	850733301296150
150	50	850733301596150
180	50	850733301896150
220	50	850733302296150
240	50	850733302496150
280	50	850733302896150
320	50	850733303296150
400	50	850733304096150
500	50	850733305096150



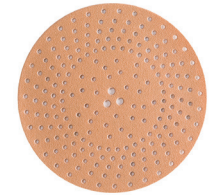
PSA 6" 6 Hole

grit	box qty	item no.
60	100	8507333206961100
80	100	8507333208961100
100	100	8507333210961100
120	100	8507333212961100
150	100	8507333215961100
180	100	8507333218961100
220	100	8507333222961100
240	100	8507333224961100
280	100	8507333228961100
320	100	8507333232961100
400	100	8507333240961100
500	100	8507333250961100



VELCRO 6" Multi-Hole

grit	box qty	item no.
60	50	850736300696150
80	50	850736300896150
100	50	850736301096150
120	50	850736301296150
150	50	850736301596150
180	50	850736301896150
220	50	850736302296150
240	50	850736302496150
280	50	850736302896150
320	50	850736303296150
400	50	850736304096150
500	50	850736305096150



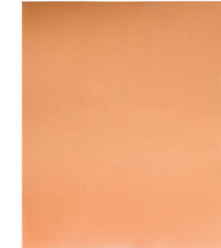
VELCRO 6" No Hole

grit	box qty	item no.
60	50	850734300696150
80	50	850734300896150
100	50	850734301096150
120	50	850734301296150
150	50	850734301596150
180	50	850734301896150
220	50	850734302296150
240	50	850734302496150
280	50	850734302896150
320	50	850734303296150
400	50	850734304096150
500	50	850734305096150



9" x 11" SHEETS

grit	box qty	item no.
80	50	850714410896150
100	50	850714411096150
120	50	850714411296150
150	50	850714411596150
180	50	850714411896150
220	50	850714412296150
240	50	850714412496150
280	50	850714412896150
320	50	850714413296150
400	50	850714414096150
500	50	850714415096150
600	50	850714416096150



NOTE: **BOLD ITEMS** are in stock, others are available upon request in full case quantities



Wurth Silver Discs & Sheets

- Open coat design for long lasting, no load performance
- Premium Silicon Carbide abrasive
- Designed primarily for lacquer sanding and fine grain woods
- Latex coated paper discs ensure flexibility and water resistance



Wurth Velvet Foam Abrasive Discs

- Super refined granules chemically bonded to a unique foam-based cellular structure
- Outlasts any other foam abrasive sanding disc
- Low scratch depth = excellent finish
- Minimum clogging when dry sanding
- Consistent finish throughout the life of the disc
- For use in both hand and machine applications
- Ideal for solid surface and lacquer buffing

PSA 5" No Hole

grit	box qty	item no.
80	100	8532342208961100
100	100	8532342210961100
120	100	8532342212961100
150	100	8532342215961100
180	100	8532342218961100
220	100	8532342222961100
240	100	8532342224961100
280	100	8532342228961100
320	100	8532342232961100
400	100	8532342240961100



VELCRO 5" No Hole

grit	box qty	item no.
80	50	853234200896150
100	50	853234201096150
120	50	853234201296150
150	50	853234201596150
180	50	853234201896150
220	50	853234202296150
240	50	853234202496150
280	50	853234202896150
320	50	853234203296150
400	50	853234204096150



9" x 11" SHEETS

grit	box qty	item no.
80	50	853214410896150
100	50	853214411096150
120	50	853214411296150
150	50	853214411596150
180	50	853214411896150
220	50	853214412296150
240	50	853214412496150
280	50	853214412896150
320	50	853214413296150
400	50	853214414096150





Wurth Ruby Portable Belts

- Heat-treated aluminum oxide belt
- "X" weighted cloth for superior durability and performance
- Unique no-load design means faster stock removal with less clogging
- Special open grain design reduces loading and heat

3" x 21" PORTABLE BELT

grit	box qty	item no.
36	10	067503653396110
40	10	067504053396110
50	10	067505053396110
60	10	067506053396110
80	10	067508053396110
100	10	067510053396110
120	10	067512053396110
150	10	067515053396110

3" x 24" PORTABLE BELT

grit	box qty	item no.
36	10	067503361096110
40	10	067504361096110
50	10	067505361096110
60	10	067506361096110
80	10	067508361096110
100	10	067510361096110
120	10	067412361096110
150	10	067515361096110

4" x 24" PORTABLE BELT

grit	box qty	item no.
36	10	067503661096110
40	10	067504061096110
50	10	067505061096110
60	10	067506061096110
80	10	067508061096110
100	10	067510061096110
120	10	067512061096110
150	10	067515061096110



Wurth Gold Flexible Sanding Pads

- Open coat design for long lasting, no load performance
- Heat-treated aluminum oxide cuts faster, lasts longer and reduces swirl marks
- Flexible sponge allows for easy sanding of irregular surfaces
- Perforated sections are easy to tear-off
- Comes in 4.5" x 27 yard rolls

4.5" x 27yd SANDING PADS

grit	box qty	item no.
60	1 roll	85074421069611
80	1 roll	85074421089611
100	1 roll	85074421109611
120	1 roll	85074421129611
150	1 roll	85074421159611
180	1 roll	85074421189611
220	1 roll	85074421229611
240	1 roll	85074421249611
280	1 roll	85074421289611
320	1 roll	85074421329611
400	1 roll	85074421409611
500	1 roll	85074421509611
600	1 roll	85074421609611
800	1 roll	85074421809611

NOTE: **BOLD ITEMS** are in stock, others are available upon request in full case quantities



Wurth Sanding Sponges

- Premium sponges handmade in England
- Flexible, non-loading aluminum oxide
- Ease to use
- Durable and long lasting

3⁷/₈" x 2³/₄" x 1" FOUR SIDES

grit	box qty	item no.
60 Medium	10	058701000696110
100 Fine	10	058701001096110
180 Super Fine	10	058701001896110



4¹/₂" x 5¹/₂" x 3/16" ONE SIDE

grit	box qty	item no.
60 Medium	20	058702000696120
100 Fine	20	058702001096120
180 Super Fine	20	058702001896120
220 Ultra Fine	20	058702002296120
280 Micro Fine	20	058702002896120



3⁷/₈" x 4³/₄" x 1/2" TWO SIDES

grit	box qty	item no.
60 Medium	10	058701100696110
100 Fine	10	058701101096110
180 Super Fine	10	058701101896110



Wurth Non-woven Pads

- Non-woven abrasive pads perfect for rust removal, tool cleaning, polishing or scuff sanding
- 100% nylon webbing to ensures consistent longevity
- Washable for repeated use
- Tough and long lasting

6" x 9" PADS

grit	box qty	item no.
Tan 80	20	05854508096160
Black 120	20	058545010096160
Green 320	20	058545028196160
Maroon 320	20	058545028096160
Grey 600	20	058545060096160
White	20	058545000096160



PRO SERIES ORBITAL SANDER

- Durable aluminium housing reduces vibration
- Hardened steel parts for trouble-free use and prolonged life
- Hardened keyways/soft key system protects the keyway
- One piece double row front bearing significantly reduces wear
- Powerful 2.8 HP motor
- 2.75" durable comfort grip is replaceable for years of use
- Includes PSA non-Vac backing pad stain marker

dia.	orbit	motor	weight	height	length	item no.
5"	3/16"	2.8 HP	1.9 lbs	3.3"	5.9"	PRO05316P
5"	3/32"	2.8 HP	1.9 lbs	3.3"	5.9"	PRO05332P



WURTH BACK-UP PADS

- Back-up pads result in longer equipment life and reduced operator fatigue
- Heavy Duty Riveted Plastic Hub
- Firm enough for flat surfaces!
- Soft enough for curved surfaces!

dia	attach.	holes	item number
5"	PSA	0	85211250109611
5"	PSA	5	85211250209611
6"	PSA	0	85211500109611
6"	PSA	6	85211500119611
5"	Velcro	0	85211251109611
5"	Velcro	5	85211251209611
5"	Velcro	Multi	85211251179611
6"	Velcro	0	85211501109611
6"	Velcro	6	85211501119611
6"	Velcro	Multi	85211201179611

NOTE: **BOLD ABRASIVE ITEMS** are in stock, others are available upon request in full case quantities



WURTH WIDE BELTS

- Patented anti-static design ensures low dust adhesion on belt, machinery and work area
- nonloading
- abrasive coating, and low-profile joints
- Zero tolerance lap joint eliminates chatter
- Made in Switzerland
- Uniform grit placement helps belts stay sharper longer
- Sturdy cloth and paper backings result in longer belt life

Series 2028

X weighted heavy-duty poly cotton combined with premium aluminum oxide abrasive. Designed for heavy stock removal. Zero tolerance low-profile joint.

Series 2020

X weighted heavy-duty poly cotton combined with premium aluminum oxide abrasive. Perfect for smoother finishes and less stock removal. Zero tolerance low-profile joint.

Series 1019

F weighted paper combined with premium aluminum oxide abrasive. Paper belts offer the ultimate in a low scratch, flawless flat finish. Zero tolerance low-profile joint.

Series 1028

F weighted paper combined with premium silicone carbide abrasive. Perfect for scuff and sealer sanding or simply whenever you're in need of an impeccable smooth finish on fine grain woods. Zero tolerance low-profile joint.

25" x 48" CLOTH BELT

grit	series	box qty	item number
80	2028	5	06759801229615
100	2028	5	06759101229615
120	2028	5	06759121229615
150	2020	5	06759151229615
180	2020	5	06759181229615

25" x 48" PAPER BELT

grit	series	box qty	item number
100	1019	5	05839101229615
120	1019	5	05839121229615
150	1019	5	05839151229615
180	1019	5	05839181229615
220	1028	5	05839201229615

25" x 60" CLOTH BELT

grit	series	box qty	item number
80	2028	5	06759801529615
100	2028	5	06759101529615
120	2028	5	06759121529615
150	2020	5	06759151529615
180	2020	5	06759181529615

25" x 60" PAPER BELT

grit	series	box qty	item number
100	1019	5	05839101529615
120	1019	5	05839121529615
150	1019	5	05839151529615
180	1019	5	05839181529615
220	1028	5	05839201529615

25" x 103" CLOTH BELT

grit	series	box qty	item number
80	2028	5	06759802699615
100	2028	5	06759102699615
120	2028	5	06759122699615
150	2020	5	06759152699615
180	2020	5	06759182699615

25" x 103" PAPER BELT

grit	series	box qty	item number
100	1019	5	05839102629615
120	1019	5	05839122629615
150	1019	5	05839152629615
180	1019	5	05839182629615
220	1028	5	05839202629615

GUIDE TO MATERIALS

Paper Backed sandpaper comes in several thicknesses called "Weights" and are differentiated by letters, "A" being the thinnest, and "W" being the thickest. Higher grits of paper usually come in "A" weight (for light sanding and home use) "B" weight (for rough industrial use) and "C" Weight (for use on light power sanders and blocks). The heavier weight papers are used for the lower grit media's because the size of the media particles, and the friction of the sanding action would destroy the lighter backing papers.

Cloth Backed sandpaper is used in products intended for power tools. Disk sanders, belt sanders, and rotary sanders must use heavy cloth backed abrasives is mainly used for backing produces a flexible backing in a wide range of weights - the more popular "J" and "X" weights are standard stock items ("J" weight is the lightest and most flexible/"X" weight is a heavier backing providing the widest range of use)

Film Backed for targeted applications and transformation steps, smooth, extremely flexible, film backing is more resistant to tearing and resilient than paper. A plastic film-backed sanding sheets are so much flatter compared to traditional sandpaper backing materials that the peaks and valleys on the sanding surface are minimized, which allows for more consistent cutting.

Aluminum Oxide

The most common type of abrasive used in woodworking today. Available in the widest variety of grits with the lowest unit cost. It is high friable (the heat and friction of the sanding process fracture or "break" the individual particles thus creating a new cutting edge) This self "Resharpining" process to last longer on wood than most other sandpapers.

Pros: Easily friable, less loading, and lasts longer on wood

Cons: Too friable for use on hard materials like hard metal and hard composites

Silicon Carbide

Silicon carbide is much harder than aluminum oxide. It's used on harder materials like metal, composites, stone, heavy wood sanding and shaping. It's also used on heavy grade sanding belts and disks. Common in wet applications.

Pros: It's hardness makes it tougher to stand up to harder material

Cons: it's too hard for wood to fracture its particles and will wear out faster

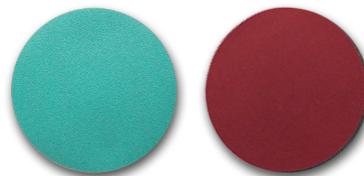
GUIDE TO CHOOSING THE RIGHT GRIT

grit	name	uses
40 - 60	coarse	Heavy sanding and stripping, roughing up the surface
80 - 120	medium	Smoothing of the surface, removing smaller imperfections and marks
150 - 180	fine	Final sanding pass before finishing the wood
220 - 240	very fine	Sanding between coats of stain or sealer
280 - 320	extra fine	Removing dust spots or marks between finish coats
360 - 600	super fine	Fine sanding of the finish to remove some luster or surface blemishes and scratches



GUIDE TO SOLID SURFACE FINISHES

step	matte finish (15)	semi-gloss (40)	high gloss (75)
1	Emerald 180	Emerald 180	Emerald 180
2	Emerald 320	Emerald 320	Emerald 320
3	Velvet 240	Velvet 240	Velvet 240
4	—	Velvet 500	Velvet 500
5	—	-	Velvet 2000
6	—	-	Velvet 4000



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Birmingham, AL 35211
205.925.7601
Fax 205.923.9511

CHARLESTON SC

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N. Charleston, SC 29418
843.529.0808
FAX 843.529.0805

CHARLOTTE NC

4250 Golf Acres Drive
Charlotte NC 28208
704.394.9479
FAX 704.398.2162

CHATTANOOGA TN

234 Direct Connection Drive
Rossville, GA 30741
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FAX 706.891.4229

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Decatur, AL 35601
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GREENVILLE SC

1441 Hwy 101 South
Greer, SC 29652
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FAX 864.877.7413

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