



Abranet®

Q: What is Abranet?

A: A multifunctional net sanding material, Abranet combines high performance and a longer lifespan than traditional abrasives

Q: Where to use Abranet?

- A:** Automotive refinishing
- Vehicle Manufacturing
 - Metal and Wood Processing
 - Marine Industry
 - Construction & Remodeling

Q: What are the features and benefits of Abranet?

- A:** High performance and long lifespan
- A:** Full-face vacuum for greater efficiency
- A:** Removal of dust particles eliminates loading and pilling problems
- A:** Woven mesh backing works with hook and loop attachment
- A:** Net abrasives are a key component for dust-free sanding

TECHNICAL SPECIFICATIONS

Grain	Aluminum oxide
Bonding	Resin over resin
Backing	Polyamide fabric
Coating	Closed
Color	Brown
Attachment	Grip



	Available Sizes	Available Grits
	3", 5", 6" Grip	P80-P1000
	8", 11" Grip	P80, P120, P180, P240, P320, P400, P600
	9" Grip	P80, P100, P120, P150, P180, P240
	2-3/4" x 10yd Grip	P80-P400
	2-3/4" x 5" Grip	P80-P600
	2-3/4" x 8" Grip	P80-P600
	2-3/4" x 16-1/2" Grip	P80-P400
	3-2/3" x 25m Grip	P320, P400, P600, P800
	3" x 4" Grip	P80, P120, P180, P240, P320
	4-1/2" x 10m Grip	P80, P100, P120, P180, P240, P320, P400
	4-1/2" x 25m Grip	P80, P120, P180, P240, P320, P400, P500



Quality from start to finish
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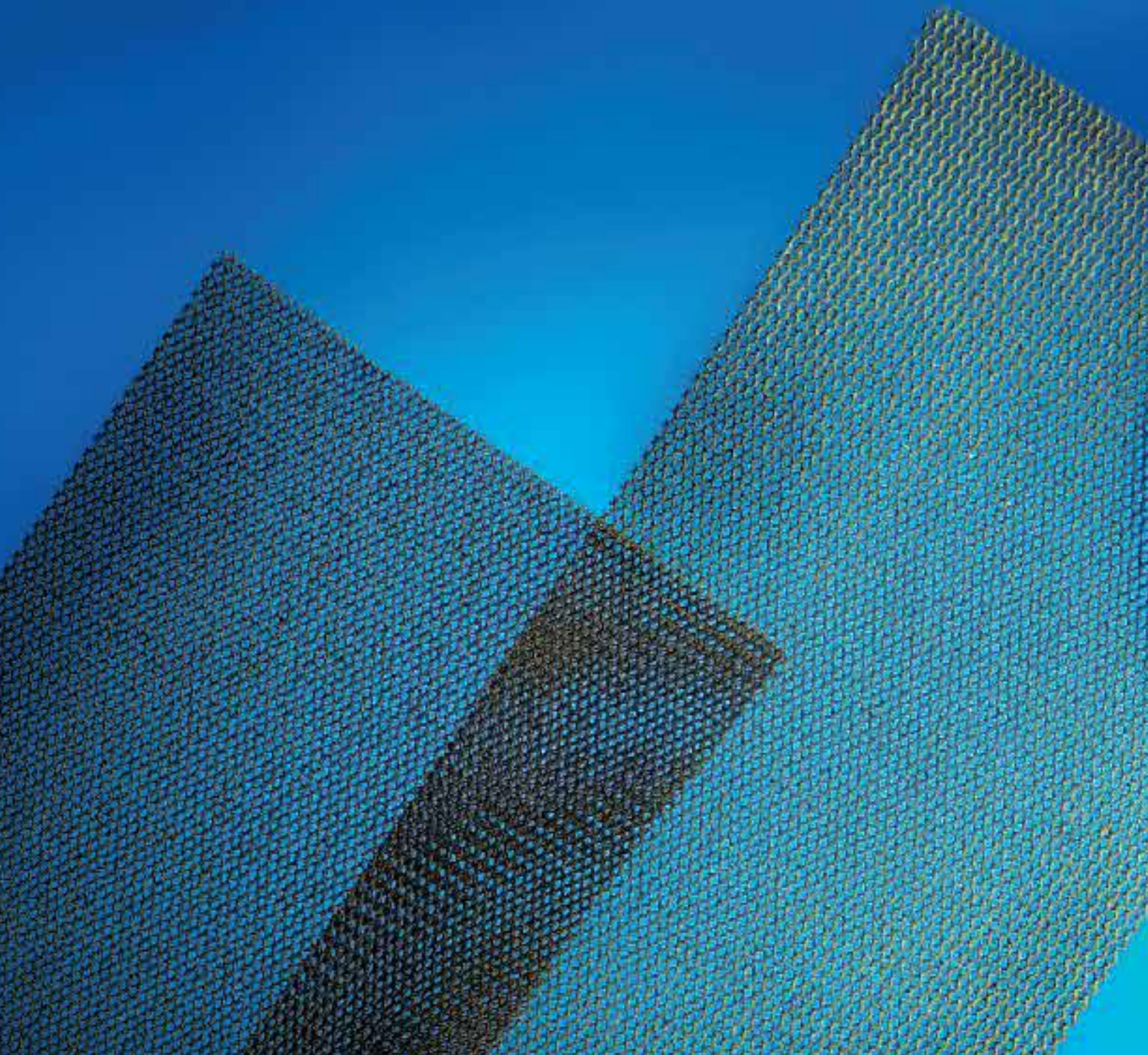
Abranet®



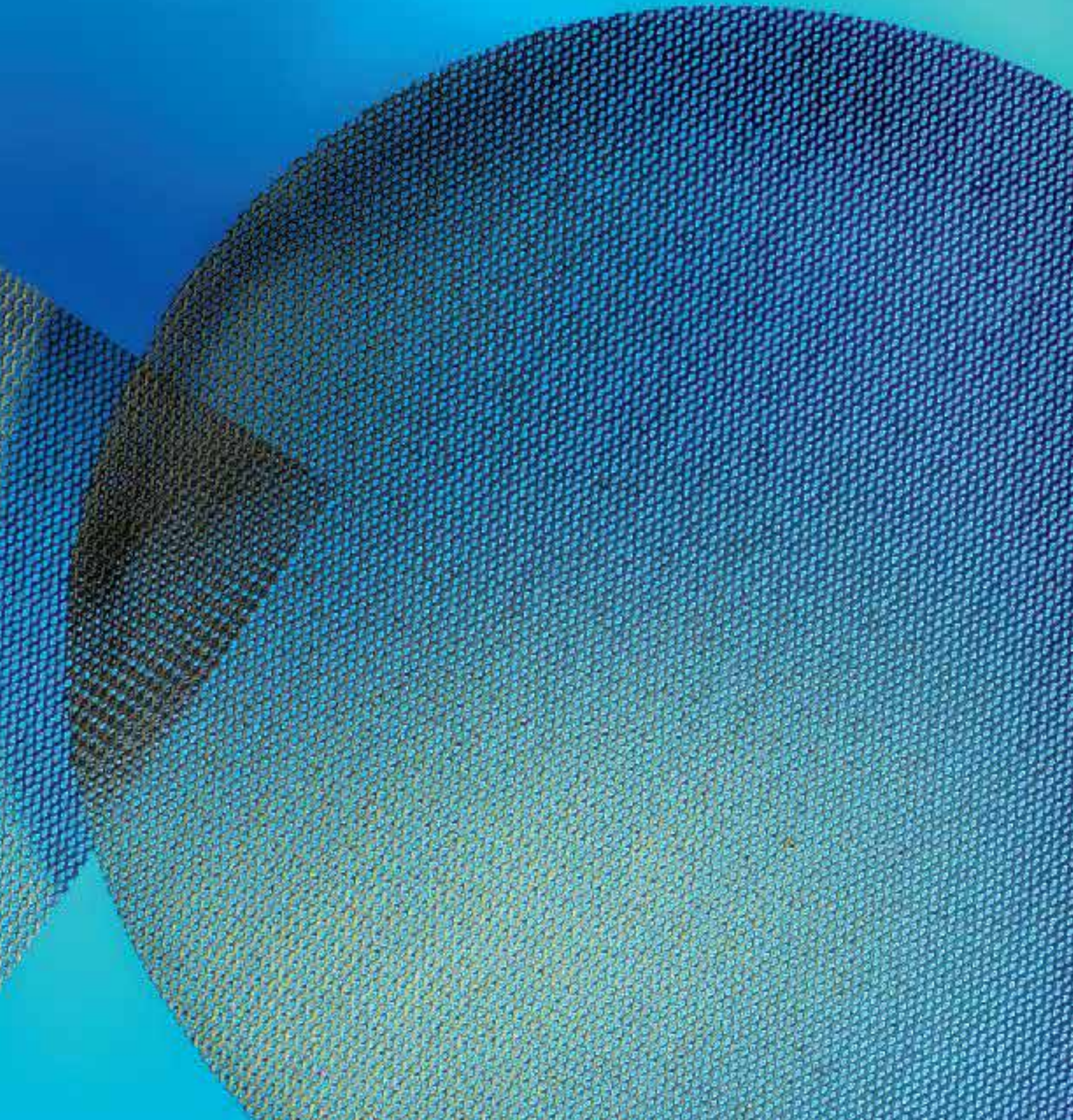
The dust-free solution



Welcome to a



dust-free world



Abranet® will change

You don't have to accept dust anymore. Abranet® is a revolutionary new product for dust-free sanding.

The patented sanding disc has amazing properties, which will fundamentally change your attitude to sanding.



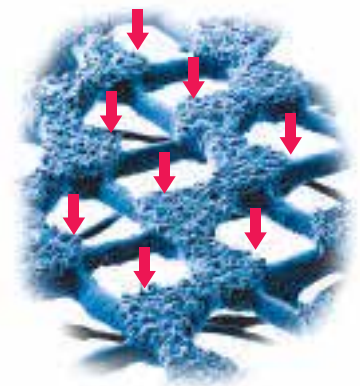
Abranet® is an innovative abrasive that reduces dust from the sanding process entering the atmosphere to practically nothing. It has been developed for sanding of fillers, primers, topcoats and clear coats. It is also excellent for sanding of composites, soft aluminium, soft wood, gypsum wallboards and MDF boards, minimizing spreading of hazardous dust.

Efficient extraction

The secret behind Abranet® is a sanding surface with thousands of small holes. The distance from each abrasive grit to the nearest dust collection point is only half a millimeter, offering extremely efficient dust extraction from the entire surface of the product.

Dust-free sanding greatly reduces the risk of surface damage from re-circulating dust particles and loose grit. Because dust and debris particles are removed from between the disc and the sanded surface, the formation of dust "pills" is minimized. Pilling leads to defects in the sanded surface which show up in the subsequent coating. Abranet® also solves the problem of surface loading and caking, which traditionally reduces the performance of the abrasive.

Dust-free sanding with Abranet® improves your work environment as well as your sanding.



Abranet® consists of a mesh sanding product with thousands of holes. The distance from each abrasive grit to the dust extraction point is only half a millimeter, giving excellent extraction capacity.

your attitude

Abranet® discs and strips

Technical specification / grit range

Grain: Aluminium oxide
Bonding: Resin over resin
Backing: Polyamide fabric
Coating: Closed
Colour: Brown
Grit range: P 80, P 120, P 180, P 240, P 320,
P 400, P 500, P 600

Dimensions

Discs: Ø 77 mm, Ø 127 mm, Ø 150 mm
(others on request)
Strips: 70 x 125 mm
70 x 198 mm
70 x 420 mm
115 x 230 mm

The Abranet® dust-free sanding system

Backing pad
Sanding blocks
Discs or strips
Exhaust equipment (optional)
Sanding machines (optional)

Dust-free sanding from start to finish

Dust-free sanding is a great improvement in occupational health. It improves your working environment and sanding performance. Thanks to a wide range of discs and strips you can now switch over to dust-free sanding in various applications.



All sanding dusts have their own specific, and not so accurately known, health hazards, therefore specific occupational exposure limits (OEL) for this type of exposure does not exist.

Sanding with Abranet[®], however, minimizes spreading of hazardous dust. Thanks to a wide range of sanding discs and strips you can now switch over to dust-free sanding in various applications. Whether you are working with cars, boats, housebuilding or aircraft, Abranet[®] is the solution for you. And what's more – a grit range from P80 to P600 ensures that you can benefit from dust-free sanding all the way from start to finish.

No costly investment

The complete Abranet[®] dust-free sanding system consists of exhaust equipment, sanding machines, a specially designed backing pad, sanding blocks, Abranet[®] sanding discs and strips.

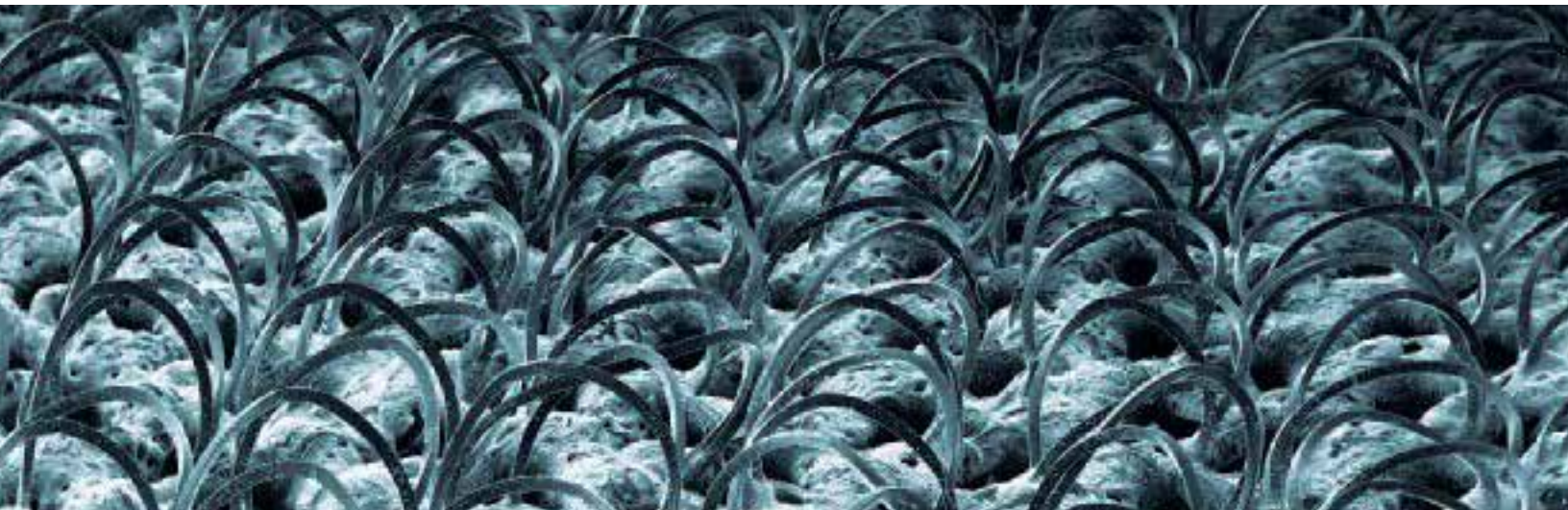
If you already have your own exhaust system and sanding machines you can start with dust-free sanding with no costly investment. For machine sanding all you need is Abranet[®] discs and a specially designed backing pad. For manual sanding you will just need Abranet[®] strips and our special sanding blocks.



Abranet[®] requires no costly additional investments. All that is needed besides Abranet[®] discs or strips is a specially designed backing pad or sanding block.

Dust-free sanding is good business

Abranet® offers major benefits such as dust-free sanding, better work environment, greater efficiency and less environmental impact. Together this means that Abranet® is not just dust-free sanding – it is also good business.



New type of velour backing developed for attaching the disc to the pad (SEM -microscope picture).

Abranet vs. traditional abrasives



No clogging

Abranet® resists clogging. Therefore, outstanding disc life is achievable.



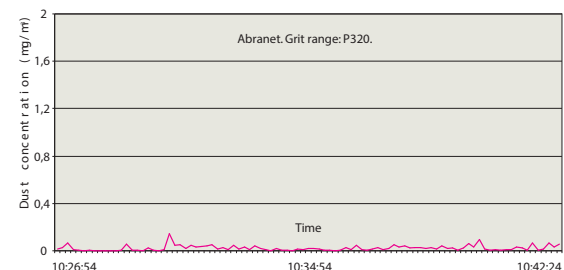
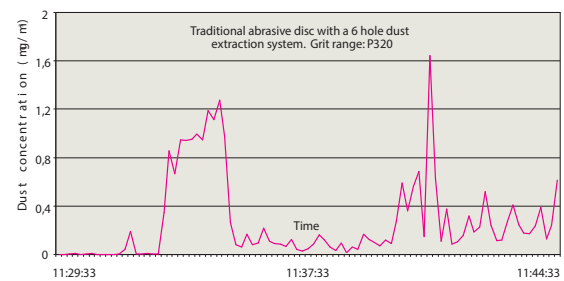
Less pilling

Due to efficient dust extraction less pilling will appear.



Great efficiency

Abranet® retains its original sanding performance for a long period, which means fewer disc changes.



Diagrams above show results from a sanding test conducted by Tampere Regional Institute of Occupational Health in January 2001. The test shows that the dust concentration in the working environment produced by Abranet® is just a portion of that produced by a traditional disc.

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US 6024634
Patent pending JP
Abranet® is a registered trademark of KWH Mirka Ltd

INNOFINLAND
award granted by
the President of the
Republic of Finland
as an acknowledge-
ment of innovative
entrepreneurship.



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Quality from start to finish

ABRANET® - 9A Series

- High performance and long lifespan
- Removal of dust particles eliminates loading and pilling problems
- Woven mesh backing works with hook and loop attachment
- Net abrasives are a key component for dust-free sanding



TECHNICAL SPECIFICATIONS

Grain	Aluminum oxide
Bonding	Resin over resin
Backing	Polyamide fabric
Coating	Closed
Color	Brown
Attachment	Grip



Available Sizes	Available Grits
1-1/4" Grip 9A-600-XXX	P80-400
3" Grip 9A-203-XXX	P80-P1000
5" Grip 9A-232-XXX	P80-P1000
6" Grip 9A-241-XXX	P80-P1000
8" Grip 9A-252-XXX	P80, P120, P180, P240, P320, P400, P600
9" Grip 9A-223-XXX	P80, P100, P120, P150, P180, P240
11" Grip 9A-262-XXX	P80, P120, P150, P180, P240, P320, P400
2-3/4" x 30' Grip 9A-570-XXX	P80-P400
2-3/4" x 5" Grip 9A-149-XXX	P80-P600
2-3/4" x 8" Grip 9A-150-XXX	P80-P600
2-3/4" x 16-1/2" Grip 9A-151-XXX	P80-P400
3-2/3" x 82' Grip 9A-593-XXX	P320, P400, P600, P800
3" x 4" Grip 9A-129-XXX	P80, P120, P180, P240, P320
3" x 5" Grip 9A-178-XXX	P80 - P600
4-1/2" x 33' Grip 9A-110-XXX	P80, P100, P120, P180, P240, P320, P400
4-1/2" x 82' Grip 9A-125-XXX	P80, P120, P180, P240, P320, P400, P500