



PRODUCT

Coated Abrasive Solutions



The surest way to a perfect surface

The ability to produce products with a high-quality surface finish is essential when manufacturing reliable parts. To achieve high-quality production, it is important to choose the appropriate coated abrasive.

VSM abrasives has been producing the highest quality coated abrasives for over 150 years, based on a combination of experience and knowledge gained from working one-on-one with our customers.

We focus on partnership-based collaborations between abrasive users, machinery manufacturers, and our own engineering department to further develop abrasive technologies. This collaboration guarantees application specific expertise that is capable of developing products that are in tune with market requirements.

Our expertly appointed Territory Managers and Technical Service Engineers are available to advise you on products for the most complex and demanding applications, no matter what technical challenges are involved.

The following tables are a guide to helping you find the right abrasive for your specific application. However, don't hesitate to contact us for more personal service.



VSM Series	Backing Material	Backing Flex	Special Feature	Grit Size															
				P16	P20	P24	P30	P36	P40	P50	P60	P80	P100	P120	P150	P180	P220		
Aluminum Oxide - AO -																			
KP532E	Paper	"E" Weight	ST												■	■	■	■	
KP520	Paper	"F" Weight	AS						□	□	□								
	Paper	"E" Weight	AS									■	■	■	■	■	■	■	
KP510E	Paper	"E" Weight									□	■	■	■	■	■	■		
KP508E	Paper	"E" Weight				□		■	■	□	■	■	■	■	■	■	■	■	
KP709	Paper	"F" Weight							□			■	■	■	■	■	□	□	
KK711E	Cotton	Extremely Flexible										■	□	□	□	□	■	■	
KK841F	Cotton	Very Flexible	TS									□	□	□	□	□	□	□	
KK532F	Cotton	Very Flexible	ST										■	■	■	■	■	■	
KK511F	Cotton	Very Flexible											■	■	■	■	□	■	■
KK504F	Cotton	Very Flexible										□	■	□	■	■	□		
KK114F	Cotton	Very Flexible							■	■	■	■	■	■	■	■	■	■	■
KK524J	Cotton	Flexible	AS											■	■	■	■		
KK511J	Cotton	Flexible											■	■	■	■	■	■	■
KK505J	Cotton	Flexible												■	■	■	■	■	
KK551T	Cotton	Moderate							□		□	□		□			□		
KK711T	Cotton	Moderate								■	■	■	■	■	■	■	■	■	■
KK812X	Polyester	Sturdy	TS, ♠					□	□	□	□	□							
	Cotton	Sturdy	TS											□	□	□	□		
KK732X	Polyester	Sturdy	ST			□		□	□	□									
KK711X	Polyester	Sturdy	♠			□	■	□	■	■	■	■	■						
	Cotton	Sturdy												■	■	■	■	■	■
KK551X	Cotton	Sturdy							□		□	□	□	□	□	□	□	□	□
KK524X	Cotton	Sturdy	AS											■	■	■	□		
KK504X	Cotton	Sturdy				□		■	■	■	■	■	■	■	■	■			
KK711Y	Polyester	Very Sturdy	♠					■	■	■	■	■	■	■	■	■	■	■	
	Cotton	Very Sturdy																	■
KK524Y	Polyester	Very Sturdy	AS									■	■	■	■	■	■		
Aluminum Oxide Fiber Discs																			
KF808	Fiber		TS					□		□	□	□	□	□	□	□	□	□	□
KF708	Fiber					□		■	□	■	■	■	■	■	■	□			
Silicon Carbide - SIC -																			
CP918A	Paper	"A" Weight	♠																■
CP918C	Paper	"C" Weight	♠											□	■	□	■	■	
CP501	Paper	"E" Weight							■		■	■	■	■	■	■	■	■	■
CK721J	Cotton	Flexible											■	■		■	■	■	■
CK721X	Polyester	Sturdy	♠			■		■	■	■	■	■	■	■	■	■	■		
	Cotton	Sturdy																	■
CK722Y	Polyester	Very Sturdy	♠			■		□	□	□	■	■	■	■			□		

VSM Series	Backing Material	Backing Flex	Special Feature	Grit Size																Product Form				
				20	24	36	40	50	60	80	100	120	150	180	240	320	400	Narrow Belt	Wide Belt	Discs	Rolls	Sheets		
Zirconia Alumina - ZA -																								
ZK713T	Cotton	Moderate				■	□	■	■	■		■							●		●	●		
ZK744X	Polyester	Sturdy	TS, ♠			■	■	■	■	■									●	●	●			
KK715X	Polyester	Sturdy	♠		■	■	■	■	■	■									●	●	●			
ZK713X	Polyester	Sturdy	♠		■	■	■	■	■	■	■	■	□						●	●	●			
KK815Y	Polyester	Very Sturdy	TS, ♠			■	■	■	□	■	□								●	●				
KK716	Polyester	Very Sturdy	♠		■	■	■	■	■										●	●				
KK717	Polyester	Extremely Sturdy	♠	□	■	■													●	●	●			
Zirconia Alumina Fiber Discs																								
ZF714	Fiber				□	■	□	□	■	□	□	□									○			
ZF713	Fiber				■	■	□	■	■	■	□	■									○			
Ceramic - CER -																								
XP780	Paper	"F"Weight							■	■	■	■							○	○	○			
XK870F	Cotton	Very Flexible	TS						□	■	■	■	■	■	■	□	□	□	○		○	○		
XK870J	Polyester	Flexible	TS, ♠					■	■	■	■	■							○		○			
XK885T*	Cotton	Moderate	TS			□	□		□	□		□							○		○			
XK870T	Cotton	Moderate	TS			■	■		■	■		■							○		○			
XK875X	Polyester	Sturdy	TS, ♠		■	■	■	■	■	■	■	■	■						●	●	●			
XK870X	Polyester	Sturdy	TS, ♠		■	■	■	■	■	■	■	■	■						●	●	●			
XK760X	Polyester	Sturdy	♠		■	■	■	■	■	■	■	■	■						●	●	●			
XK733X	Polyester	Sturdy	ST, ♠			■			■	□									●	●	●			
XK885Y*	Polyester	Very Sturdy	TS, ♠	■	■	■	■	■	■	■	■	■	■						●	●				
XK880Y*	Polyester	Very Sturdy	TS, ♠	■	■	■	■	■	■	■	■	■	■						●	●				
XK870Y	Polyester	Very Sturdy	TS, ♠				□		□										●	●				
XK760Y	Polyester	Very Sturdy	♠	□	□	□			■	□	□	□							●	●	●			
XK888Z	Polyester	Extremely Sturdy	TS, ♠		□	■													●	●				
XK877Z	Polyester	Extremely Sturdy	TS, ♠	■	■	■	■	■	■										●	●				
Ceramic Fiber Discs																								
XF870	Fiber		TS		■	■	■	■	■	■	■	■									●			
XF760	Fiber				■	■	■	■	■	■	■	□									●			
XF885*	Fiber		TS	■	■	■	■	■	■	■	■	■									●			

*Ceramic PLUS Grain

Availability is subject to change.

VSM Series	Grain Type (multi-layer)	Backing Material	Special Feature	Grit Size					Product Form								
				Coarse	Medium	Fine	Very Fine	Ultra Fine	Narrow Belt	Wide Belt	Discs	Rolls	Sheets				
Non-Woven - NW -																	
KV707X	Aluminum Oxide	Polyester Fabric	Low Stretch, ♠	■	■	■	■					○	○				
	Silicon Carbide	Polyester Fabric	Low Stretch, ♠						■			○	○				
KV707T	Aluminum Oxide	Polyester Fabric	X-Flex, ♠	■	■	■	■					○					

Availability is subject to change.

VSM Series	Grain Type (multi-layer)	Backing Material	Backing Flex	Special Feature	Grit Size												Product Form					
					P60	P80	P120	P180	P240	P320	P400	P600	P800	P1000	P1200	Narrow Belt	Wide Belt	Discs	Rolls	Sheets		
COMPACTGRAIN - COM -																						
KP712	Aluminum Oxide	Paper	"F"Weight				□	□	□	□	□	□	□	□	□	□	□	○	○	○		
KK712F	Aluminum Oxide	Cotton	Very Flexible				□	□	□	□	□	□	□	□	□	□	□	○		○		
KK772J	Aluminum Oxide	Polyester	Flexible	♠		■	■	■	■	■	■	■	■	■	■	■	■	⊙		⊙		
KK770J	Aluminum Oxide	Polyester	Flexible	♠		□	□	□	□	□	□	□	□	□	□	□	□	⊙	⊙			
KK712J	Aluminum Oxide	Cotton	Flexible			■	■	■	■	□	□						⊙		⊙			
KK731X	Aluminum Oxide	Cotton	Sturdy				■	□				□					○		○			
KK834X	Aluminum Oxide	Polyester	Sturdy	TS, ♠		□	■	■	■								●	●				
KK779X	Aluminum Oxide	Polyester	Sturdy	♠			■	■	■	■	■						●	●				
KK772X	Aluminum Oxide	Polyester	Sturdy	♠		□	■	■	■	□	■	□	□	□	□	□	⊙	⊙	⊙			
LK719X	Aluminum Oxide	Polyester	Sturdy	♠		□	□	■	■	■	■	□					⊙	⊙				
KK718X	Aluminum Oxide	Polyester	Sturdy	♠	■	■	■	■	■	■	■	■					⊙	⊙				
KK712X	Aluminum Oxide	Polyester	Sturdy	♠		■	■	■	■	■	■	■					⊙	⊙	⊙			
CK742J	Silicon Carbide	Cotton	Flexible			■	■	■		■							○		○			
CK772T	Silicon Carbide	Polyester	Moderate	♠		□	□	□	□	□	□	□	□	□	□	□	○	○	○			
MK748X	Silicon Carbide	Polyester	Sturdy	♠			□	□	■								●	●				
CK918X	Silicon Carbide	Polyester	Sturdy	♠					■	■	■	■	■	■	■	■	○	○				
CK748X	Silicon Carbide	Polyester	Sturdy	♠		■	■	■	■	■	□						○	○				
COMPACTGRAIN Fiber Discs																						
KF736	Aluminum Oxide	Fiber					□	□												○		
KF712	Aluminum Oxide	Fiber					□													⊙		

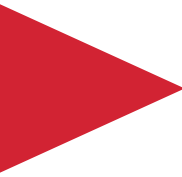
Availability is subject to change.

VSM Series	Backing Material	Special Feature	Grit Size								Product Form									
			357 μm (P40)	251 μm (P60-80)	126 μm (P120)	91 μm (P180)	64 μm (P240-320)	46 μm (P400)	30 μm (P500)	Narrow Belt	Wide Belt	Discs	Rolls	Sheets						
Diamond - DIA -																				
DA931X	Aramid Cloth	FIF, ♠		□	□	□	□	□	□	□	□	□	□	□	□	●		●		
DA930X	Aramid Cloth	FIF	□	□	□	□	□	□	□	□	□	□	□	□	□	●		●		
DA920Y	Aramid Cloth	FULL			□	□	□	□	□	□	□	□	□	□	□	●		●		
Cubic Boron Nitride - CBN -																				
BA970X	Aramid Cloth	FIF		□	□	□	□	□	□	□	□	□	□	□	□	●		●		
BA960Y	Aramid Cloth	FULL			□	□	□	□	□	□	□	□	□	□	□	●		●		

Availability is subject to change.

VSM Series	Backing Material	Special Feature	Grit Size					Product Form										
			P320	P400	P600	P800	P1200	Narrow Belt	Wide Belt	Discs	Rolls	Sheets						
Specialty																		
CK917C	Polyester	Cork, ♠	□	□	□	■	□	□	□	□	□	□	○	○	○			
UK22	Cotton	Graphite-Canvas											○	○			○	

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