

Surface Conditioning

Surface conditioning products are a more forgiving type of abrasive, designed to provide a gentler approach to sanding and finishing. Through the way the abrasive grain is presented to the workpiece, surface conditioning products are a general purpose type product for handwork and mechanical sanding.

Surface conditioning products are typically graded using general terms such as Coarse (Brown), Medium (Maroon), Fine (Green), Very Fine (Black), and Ultra Fine (Gray), with each color corresponding to a specific grit size for easy identification.

Choosing the right abrasive

How to choose the best grit:

> **Grit correlation:** Surface conditioning abrasives have corresponding grit sizes, but they produce a finer scratch compared to conventional abrasives of the same grit size due to their construction.

> **Selection process:** Choose the grit by using a finer surface conditioning abrasive after a coarser conventional abrasive to achieve the desired finish.

Our surface conditioning grains

> **NON-WOVEN**

> **PROSTRIP**



Your grinding task

Die grinding



Rotary grinding



Backstand grinding



Flat grinding



NON-WOVEN



Stock removal ← → Surface

Coarse Medium Fine Very fine Ultra fine

VSM Series	Max width	Wide belts	Narrow belts	Discs	Quick change	Backing material	Features	Coarse	Medium	Fine	Very fine	Ultra fine
KV706X	63 in	⊙				Scrim	💧 Low Stretch					
KV707D	39 in			⊙	⊙	Scrim	💧					
KV707DHD	39 in			●		Scrim	💧					
KV707T	39 in		○			Scrim	X-Flex					
KV707X	39 in	⊙	⊙			Scrim	💧 Low Stretch					
KV707Y	39 in	⊙	⊙			Scrim	💧 Low Stretch					
KV710X	39 in	⊙	⊙			Scrim	💧 Low Stretch					

PROSTRIP



Stock removal ← → Surface

Heavy Medium Light

VSM Series	Diameter	Discs	Quick change	Heavy	Medium	Light
PROSTRIP RED	2 in		○			
	3 in		○			
	4 ½ x ¾ in	○				
	5 x ¾ in	○				
PROSTRIP BLACK	7 x ¾ in	○				
	2 in		○			
	3 in		○			
	4 ½ x ¾ in	○				
	5 x ¾ in	○				
PROSTRIP BROWN	7 x ¾ in	○				
	2 in		○			
	3 in		○			
	4 ½ x ¾ in	○				
	5 x ¾ in	○				
	7 x ¾ in	○				

Key

- for low to medium contact pressure
- ⊙ for medium contact pressure
- for medium to high contact pressure
- 💧 also suitable for wet grinding