

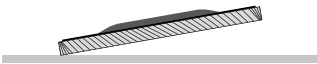
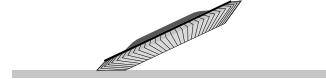
Categories

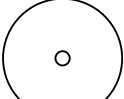
Comfort Line	Universal Line	Premium Line
• Used for low pressure and low power operations • 100% Cotton abrasive backing	• For medium to high pressure and power operations • Polycotton abrasive backing resistant to heavy applications	• Used for high pressure and high power operations • Polycotton abrasive backing resistant to heavy applications

Densities

LD Low Density	SD Standard Density	HD High Density
		
• Once adequate performance is needed • Economical product with less flaps • Reasonable price, suitable for personal use	• High stock removal operations • Suitable for all application areas • Favored in price - performance perspective	• In aggressive sanding of curved and wide surfaces • Long life product with wider and more flaps • Ideal for industrial heavy duty applications

Types and Diameters

Flat Type	Conical Type
	
• Used in flat surfaces • Ideal for blending and finishing • Applied primarily between 0° to 15°	• Used in concaved surfaces and edges • High stock removal with best surface contact • Applied primarily between 15° to 25°

Flap Disc Diameters			
100 x 16 mm 4" x 5/8"	115 x 22.23 mm 4½" x 7/8"	125 x 22.23 mm 5" x 7/8"	180 x 22.23 mm 7" x 7/8"
			
Max. 80 m/s 15.300 rpm	Max. 80 m/s 13.300 rpm	Max. 80 m/s 12.250 rpm	Max. 80 m/s 8.500 rpm

Advantages of Flap Discs

Advantages against Grinding Discs	Advantages against Fibre Discs
• Faster and easier stock removal • Smoother finishing • Cooler grinding with reduced adhesion and less lubricant • Lighter equipment, easier control • Less vibration, less operator fatigue, less noise	• Longer lifetime, lower cost • Fewer disc changes, less labor cost • More consistent finish • No back-up pad required • Easier storage and longer shelf life

Backing Types

Fibre Glass	Plastic
	

Application and Performance Table

	Perfect Suitable Possible								
	Abrasive	Wood	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Cooper / Non Ferrous Metals	Rubber / Plastic / Leather	Cast Iron
Comfort Line	AO Aluminum Oxide AXER11	••	••••	•		•	•	•	
	ZR Zirconia ZXR11	•	••••	••••	•				
Universal Line	ZR Zirconia ZXPRI1		••••	••	•				•
	AO Aluminum Oxide AXPRI1	•	••••	•		•	•	•	•
Premium Line	100% ZR Zirconia ZXPRI22		••••	•	••				•
	CE Ceramic CEY51		•	••••	••••				•
New Product	ZR Zirkonyum ZXR12	•	••••	••••	•				



Karbosan, Turkey's first manufacturer of bonded abrasive products, started its production activities in Istanbul Halkalı in 1967 with a workforce of 40 employees, established on an area of 9.000 m².

Today, a total of 630 employees and 95.000 m² area, İstanbul Halkalı and Tekirdağ Çerkezköy factories are offering quality, reliable and high performance products to more than 75 countries in 6 continents.

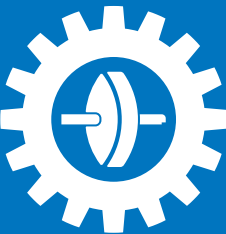
Thanks to the investments in innovation and R&D studies, Karbosan has a wide range of products for perfect surfaces.

With 56 years of experience in production of high quality bonded abrasive products, Karbosan has built on its system to meet the needs and expectations of its customers with high performance, from raw material supply to after-sales services.

Karbosan is the first company in Turkey to produce bonded abrasives according to the ISO 9001 Quality Management System and the first Turkish company to be a member of European Abrasive Manufacturers Federation (FEPA) and Organization for the Safety of Abrasives (OSA) with high quality production.

The quality of Karbosan product range is certified by Turkish Standards Institute as TS EN 12413 for bonded abrasives and TS EN 13743 for coated abrasives.

Karbosan takes into consideration the environmental impacts and in every step from the raw material to the delivery of the product to the customers makes its production delicate to the nature according to ISO 14001 Environmental Management system.



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FLAP
DISCS

Comfort Line A0 Low Density Flap Discs



Product Code : AXER11

Abrasive : Aluminum Oxide

Backing : X Heavy Cotton Cloth

Application : Multipurpose grinding for steel and metal.

Density : Less flap version Low Density flap discs are economic with required performance.



Stock Removal ●○○○○
Lifetime ●●○○○



Comfort Line A0 Standard Density Flap Discs



Product Code : AXER11

Abrasive : Aluminum Oxide

Backing : X Heavy Cotton Cloth

Application : Multipurpose grinding for steel and metal.

Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.



Stock Removal ●●○○○
Lifetime ●●○○○



Comfort Line ZR Low Density Flap Discs



Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).

Density : Less flap version Low Density flap discs are economic with required performance



Stock Removal ●●○○○
Lifetime ●●○○○

Comfort Line ZR Standard Density Flap Discs



Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).

Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.



Stock Removal ●●●○○
Lifetime ●●●○○

Comfort Line ZR High Density Flap Discs



Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).

Density : More flap version High Density flap discs are preferred in aggressive sanding of curved and wide surfaces.



Stock Removal ●●●●○
Lifetime ●●●○○



Universal Line ZR Standard Density Flap Discs



Product Code : ZXPR11

Abrasive : Zirconia

Backing : X Heavy Poly-Cotton Cloth

Application : Multipurpose aggressive grinding for steel, stainless steel (inox) and metal.

Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.



Stock Removal ●●●○○
Lifetime ●●●○○

Premium Line A0 Standard Density Flap Discs



Product Code : AXPR11

Abrasive : Aluminum Oxide

Backing : X Heavy Poly-Cotton Cloth

Application : Multipurpose aggressive grinding for steel and metal.

Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.



Stock Removal ●●●○○
Lifetime ●●●○○



Premium Line 100% ZR Standard Density Flap Discs



Product Code : ZXPR22

Abrasive : 100% Zirconia

Backing : Y Poly-Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).

Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.



Stock Removal ●●●○○
Lifetime ●●●○○

Premium Line 100% ZR High Density Flap Discs



Product Code : ZXPR22

Abrasive : 100% Zirconia

Backing : Y Poly-Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless steel (Inox).

Density : More flap version High Density flap discs are preferred in aggressive sanding of curved and wide surfaces.



Stock Removal ●●●●○
Lifetime ●●●●○

Premium Line CE Standard Density Flap Discs



Product Code : CEY51

Abrasive : Ceramic

Backing : Y Poly-Cotton Cloth

Application : Suitable for hand tools operated with high pressure for stainless steel (Inox) and high alloy steel.

Density : Optimum flap version Standard Density flap discs are preferred in high stock removal operations.



Stock Removal ●●●●○
Lifetime ●●●●○

