






Categories

| | | |
|---|--|--|
| Comfort Line | Universal Line | Premium Line |
| <ul style="list-style-type: none">• Used for low pressure and low power operations• 100% Cotton abrasive backing | <ul style="list-style-type: none">• For medium to high pressure and power operations• Polycotton abrasive backing resistant to heavy applications | <ul style="list-style-type: none">• Used for high pressure and high power operations• Polycotton abrasive backing resistant to heavy applications |

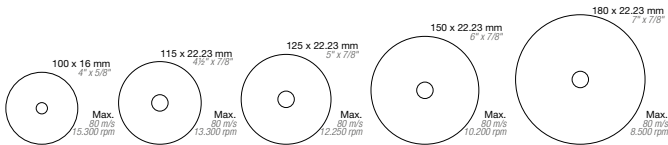
Densities

| | | |
|--|---|--|
| LD Low Density | SD Standard Density | HD High Density |
|  |  |  |
| <ul style="list-style-type: none">• Once adequate performance is needed• Economical product with less flaps• Reasonable price, suitable for personal use | <ul style="list-style-type: none">• High stock removal operations• Suitable for all application areas• Favored in price - performance perspective | <ul style="list-style-type: none">• 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 |
|  |  |
| <ul style="list-style-type: none">• Used in flat surfaces• Ideal for blending and finishing• Applied primarily between 0° to 15° | <ul style="list-style-type: none">• Used in concaved surfaces and edges• High stock removal with best surface contact• Applied primarily between 15° to 25° |

Flap Disc Diameters



Advantages of Flap Discs

| | |
|---|---|
| Advantages against Grinding Discs | Advantages against Fibre Discs |
| <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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

| | 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 |
|-----------------------|---------------------------------------|------|-----------------|------------------------|---|-------------------|-------------------------------------|----------------------------|-----------|
| Premium Line | AO Aluminum Oxide AXPR11 | • | ••• | • | | • | • | • | • |
| | 100% ZR Zirconia ZXP22 | | ••• | • | •• | | | | • |
| | CE Ceramic CEY51 | | • | ••• | ••• | | | | • |
| Universal Line | ZR Zirconia ZXP11 | | ••• | •• | • | | | | • |
| Comfort Line | AO Aluminum Oxide AXER11 | •• | ••• | • | | • | • | • | |
| | ZR Zirconia ZXR11 | • | ••• | ••• | • | | | | |
| Intro Line | ZR Zirconia ZXR12 | • | ••• | ••• | • | | | | |



Türkiye's
First Abrasive
Manufacturer

Nearly 60 Years of
EXPERTISE

Why
Karbosan
?



Reducing Production Costs with
its Lifetime and
Performance

COST-SAVING
Products



With OSA Certified,
Quality Tested
Beyond Standards

SAFETY
Products



Solution Partner
in All Processes
From Pre-Sales to After-Sales

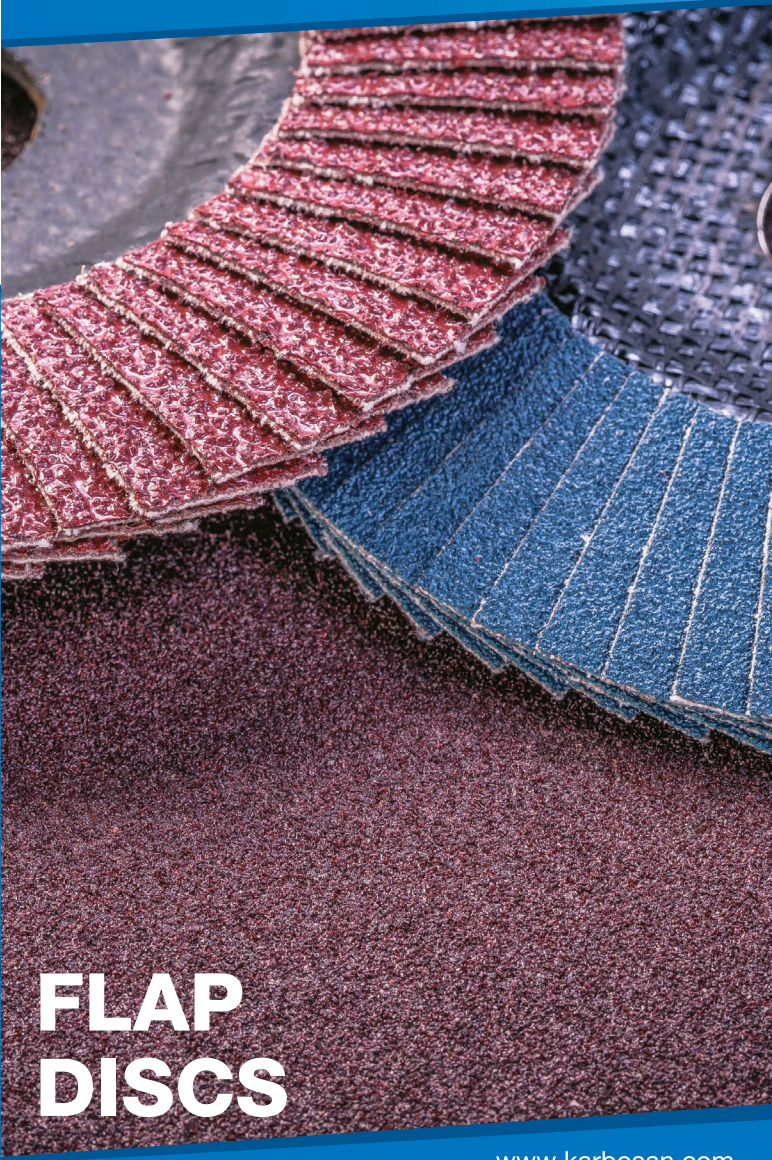
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**FLAP
DISCS**

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 ●●●○○

