





# INTERFLEX

This catalogue includes our wide selection of premium quality products, all manufactured in our state-of-the-art facilities in Manisa, Turkey.

Inter Abrasiv is the largest exporter of abrasives in Turkey. Its rapid market growth both in export and domestic markets have led the company to invest in new capacities, thus making the company a global player in fiber and flap discs.

Exporting products to more than 60 countries worldwide, Inter Abrasiv has become a renowned coated abrasives manufacturer in the world, both with high quality products, competitive prices and a dynamic company environment which reacts promptly to the changing demands of the market.

#### Inter Abrasiv;

- has a 30.000 m<sup>2</sup> plant in a single location.
- has an annual production capacity of 15 million m<sup>2</sup> coated abrasives, 16 million flap discs and 60 million fiber discs.
- is among the top five global manufacturers of flap and fiber discs.
- is a "One Stop Shop" for coated Abrasives: Fiber Discs, Flap Discs, Endless Belts, Semiflex Discs, Velcro Discs, Flap Wheels, Waterproof Paper and Jumbo Rolls
- Known in the global market with the INTERFLEX brand

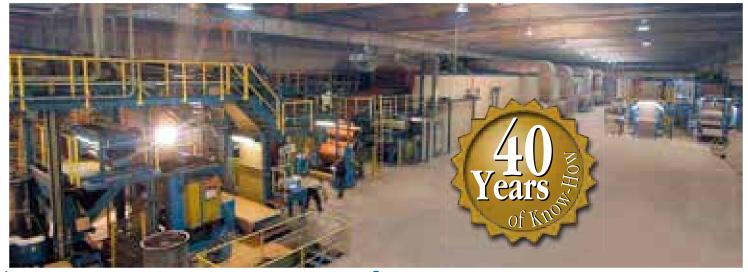
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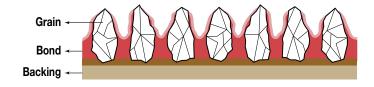
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| Introduction To Abrasives   | 4-5   |
|-----------------------------|-------|
| Schematic & Coding Table    | 6-7   |
| Paper Products              | 8-9   |
| Cloth Products              | 10-13 |
| Fiber Discs                 | 14-15 |
| Flap Discs                  | 16-17 |
| Paper Discs, Rolls & Sheets | 18-19 |
| Flap Wheels & Non-Woven     | 20-21 |
| Semiflex Discs              | 22    |
| Cutting & Grinding Discs    | 23    |
| Quality & Safety            | 24-25 |
| Products & Packaging        | 26    |





Coated abrasives are a layer of abrasive grain bonded to a backing. As the grain contacts the material, it starts to cut and grind the material away.

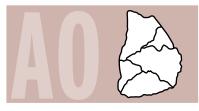


As the grains grind, they fracture to form new cutting points extending the life of the abrasive.



When the grains fracture to a point where they are no longer exposed above the bond, the abrasives will not then effectively remove material and should be replaced.

# **Abrasive Grains**



#### **AO - Aluminum Oxide**

Tough durable grain used for cutting, grinding and finishing in metal, wood and coatings.



#### SF - Semi Friable Aluminum Oxide

Treated aluminum oxide grain with a semi friable structure that creates many cutting edges in each grain.



#### ZA - Zirconia Alumina

Tough durable grain with fine crystal structure used for rugged stock removal of metal and wood.



#### SC - Silicon Carbide

Very hard and brittle grain used for surface grinding of stone and very fine finishing of metal and coatings.



#### **CR - Ceramic**

Tough durable grain with very fine crystal structure to create many more cutting edges in each grain. Used for the highest stock removal in metal. Toughness and friability better than SF.





## **Bonding Characteristics**

#### **Urea Glue**

Strong bond, but not sensitive to humidity. Very flexible resin with perfect color stability.

#### Phenolic Resin

Strongest and most resistant bond available.

Temperature, water and mechanical resistance allows

the bond to withhold to high speed and pressure sanding & grinding.



## Paper Backing

The weight of the paper backing varies from A weight to G weight. C, E and F weight papers are highly demanded by Inter Abrasiv customers.

As the weight of the paper increases, the flexibility of the paper decreases, but mechanical resistance increases.

A weight: 80 g/m2

B weight: 80 - 100 g/m2

C weight: 105-125 g/m2

**D weight:** 130-175 g/m2

**E weight:** 220-250 g/m2

F weight: 270-300 g/m2

**G weight:** 400 g/m2

**Flexible** 

Heavy

Light



## **Cloth Backing**

#### "J" Weight

Light and flexible. Used where the abrasive must contour to the workpiece. Usually cotton yarns.

#### "JF" Weight

Similar to "J" Weight with extra flexing.

#### "X" Weight

The most common backing. Typically cotton or polycotton. A relatively stiff yet strong backing.

#### "XF" Weight

Similar to "X" Weight with extra flexing.

#### "Y" Weight

Very high strength and low stretch for use on heavy belt grinding applications. Usually polyester, but sometimes polycotton.

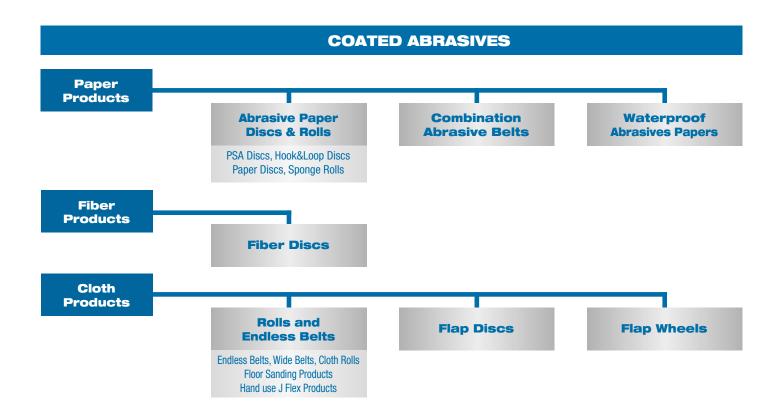
#### "YY/H" Weight

The strongest of all cloth backings designed for long life and coarse grinding in heavy stock removal.





# Schematic & Coding Table



#### Example Product Code

| Z                            | C                 | 7                           | 2                          | 1                                 | X                                      |
|------------------------------|-------------------|-----------------------------|----------------------------|-----------------------------------|--|
| Zirconia Alumina             | Cloth             | Polycotton                  | Flap Disc                  | Standard                          | 350-450 g/m2                           |
| Grain                        | Backing           | Backing Type                | Use                        | Coating                           | Backing Weight                         |
| <b>A</b><br>Aluminum Oxide   | <b>C</b><br>Cloth | <b>2</b><br>C Weight Paper  | 1<br>Rolls&Endless Belts   | <b>0/1</b> Standard/Floor Sanding | <b>C</b><br>130 g/m²                   |
| <b>Z</b><br>Zirconia Alumina | <b>P</b><br>Paper | 3<br>E/F Weight Paper       | 2<br>Flap Disc/Flap Wheels | <b>2</b><br>Top Size              | <b>E-F</b><br>220-270 g/m <sup>2</sup> |
| <b>S</b><br>Silicon Carbide  | <b>F</b><br>Fiber | <b>4</b><br>Standart Cotton | 3<br>Ceramic Products      | <b>7</b><br>Super Sizer           | <b>G</b><br>300-350 g/m²               |
| <b>CR</b><br>Ceramic         |                   | 5<br>Vulcanized Fiber       | 5<br>Premium Flap Disc     | <b>8</b><br>Premium Top Size      | <b>J</b><br>220-250 g/m²               |
|                              |                   | 6<br>Strong Cotton          | <b>8</b><br>Fiber Disc     |                                   | <b>X</b><br>350-450 g/m <sup>2</sup>   |
|                              |                   | <b>7</b> Polycotton         |                            |                                   | <b>Y</b><br>550-600 g/m²               |
|                              |                   | 8<br>Polyester              |                            |                                   |  |

# Jumbo Rolls

| Product Code | Grain<br>Type | Backing | Max. Widt<br>(mm) | Туре                           | Rolls | Belt | Hand<br>Use | Disc | Sheet | Use   |
|--------------|---------------|---------|-------------------|--------------------------------|-------|------|-------------|------|-------|---|
| AP210C/S     | SF            | Paper   | 1170              | Dry                            |       |      |             |      |       | Automotive, Marine, Wood, Plastic Lacquers                |
| SP210C       | SC            | Paper   | 1170              | Dry                            | •     |      | •           | •    | •     | Automotive, Marine, Wood, Plastic Lacquers, Marble, Stone |
| AWP211C      | SF            | Paper   | 1170              | Waterproof                     | •     |      | •           | •    | •     | Automotive, Marine, Wood, Plastic Lacquers                |
| SWP211C      | SC            | Paper   | 1170              | Waterproof                     | •     |      | •           | •    | •     | Automotive, Marine, Wood, Plastic Lacquers, Marble, Stone |
| AP310E/F     | AO            | Paper   | 1650              |                                | •     |      |             | •    |       | Wood, Metal   |
| SP310E/F     | SC            | Paper   | 1650              |                                | •     |      |             | •    |       | Wood, Metal, Marble, Stone                                |
| AP311F       | SF            | Paper   | 1650              | Antistatic                     | •     | •    |             | •    |       | Wood, Metal   |
| SP311F       | SC            | Paper   | 1650              | Antistatic                     | •     | •    |             | •    |       | Wood, Metal, Marble, Stone                                |
| ZP311F       | ZA            | Paper   | 1650              | Antistatic                     | •     | •    |             | •    |       | Metal, Stainless Steel, Alloy, Hard Wood                  |
| SP320G       | SC            | Paper   | 1650              | Antistatic                     | •     | •    |             | •    |       | Wood (Floor Sanding), Metal                               |
| ZP320G       | ZA            | Paper   | 1650              | Antistatic                     | •     | •    |             | •    |       | Wood (Floor Sanding), Metal                               |
| CR330G       | CR            | Paper   | 1650              | Antistatic                     | •     | •    |             | •    |       | Wood (Floor Sanding), Metal                               |
| AC410JF      | AO            | Cloth   | 1200              | Flexible                       | •     |      | •           |      | •     | Wood, Metal   |
| AC411JF      | AO            | Cloth   | 1450              | Very Flexible                  | •     |      | •           |      | •     | Wood, Metal   |
| AC411JFE     | SF            | Cloth   | 1450              | Very Flexible                  | •     |      | •           |      | •     | Wood, Metal   |
| AC611JF      | SF            | Cloth   | 1650              | Flexible                       | •     | •    |             |      |       | Metal, Stainless Steel                                    |
| AC611J       | SF            | Cloth   | 1650              | Very Flexible                  | •     | •    |             |      |       | Metal, Stainless Steel                                    |
| AC717J       | AO            | Cloth   | 1450              | Very Flexible                  | •     | •    |             |      |       | Metal, Stainless Steel                                    |
| SC711J/S     | SC            | Cloth   | 1450              | Very Flexible                  | •     | •    |             |      |       | Brass, Aluminum, Polyester                                |
| AC411X       | AO            | Cloth   | 1650              | Semiopen/Anticlogging          | •     | •    |             |      |       | Hard and Soft Wood  |
| AC611X       | AO            | Cloth   | 1650              |                                | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| AC711XY      | AO            | Cloth   | 1420              |                                | •     | •    |             |      |       | Wood (Floor Sanding), Metal                               |
| SC711XY      | SC            | Cloth   | 1420              |                                | •     | •    |             |      |       | Wood (Floor Sanding), Glass, Marble, Stone, Rubber        |
| ZC710XY      | ZA            | Cloth   | 1420              |                                | •     | •    |             |      |       | Wood (Floor Sanding), Metal                               |
| ZC711XY      | ZA            | Cloth   | 1420              | Semiopen/Anticlogging          | •     | •    |             |      |       | Wood (Floor Sanding), Metal                               |
| CRC730XY     | CR            | Cloth   | 1420              | Top Size                       | •     | •    |             |      |       | Wood (Floor Sanding), Metal                               |
| AC811XY      | AO            | Cloth   | 1650              | Polyester                      | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| SC811XY      | SC            | Cloth   | 1650              | Polyester                      | •     | •    |             |      |       | Glass, Marble, Stone                                      |
| ZC811XY      | ZA            | Cloth   | 1650              | Polyester                      | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| ZC812XY      | ZA            | Cloth   | 1650              | Top Size                       | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| CRC832XY     | CR            | Cloth   | 1650              | Top Size                       | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| AC421X       | AO            | Cloth   | 1450/1650         | Flap Disc Cloth                | •     |      |             | •    |       | Metal, Cast Iron  |
| SC421X       | SC            | Cloth   | 1450/1650         | Flap Disc Cloth                | •     |      |             | •    |       | Marble, Stone, Glass, Plastic, Cast Iron                  |
| ZC420X       | ZA            | Cloth   | 1450/1650         | Flap Disc Cloth                | •     |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| ZC421X       | ZA            | Cloth   | 1450/1650         | Flap Disc Cloth                | •     |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| AC721X       | AO            | Cloth   | 1650              | Flap Disc Cloth                | •     |      |             | •    |       | Metal, Cast Iron  |
| ZC721X       | ZA            | Cloth   | 1650              | Flap Disc Cloth                | •     |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| ZC757X       | ZA            | Cloth   | 1650              | Flap Disc Cloth                | •     |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| CRC732X      | CR            | Cloth   | 1650              | Flap Disc Cloth/Cooling Effect | •     |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| AC620X       | SF            | Cloth   | 1650              | Flap Wheel Cloth               | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| AC621X       | SF            | Cloth   | 1650              | Flap Wheel Cloth               | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| ZC621X       | ZA            | Cloth   | 1650              | Flap Wheel Cloth               | •     | •    |             |      |       | Metal, Stainless Steel, Alloy                             |
| AF581        | AO<br>SC      | Fiber   | 1500              |                                |       |      |             | •    |       | Wood, Metal   |
| SF581        | SC            | Fiber   | 1500              |                                |       |      |             | •    |       | Marble, Stone, Granite                                    |
| ZF581        | ZA            | Fiber   | 1500              | Ton Size                       |       |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| ZF582        | ZA            | Fiber   | 1500              | Top Size                       |       |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| ZF587        | ZA            | Fiber   | 1500              | Cooling Effect                 |       |      |             | •    |       | Metal, Stainless Steel, Alloy                             |
| CRF532       | CR            | Fiber   | 1500              | Top Size                       | ^     |      |             | •    |       | Metal, Stainless Steel, Alloy                             |



## **WIDE PAPER BELTS**

These belts are produced with AO, SC and ZA abrasive grains. They can be manufactured in various widths. The maximum width of Inter Abrasiv is 1650 mm for the F/E weight. A package for Wide Paper Belts contains 10 products.

#### **FLOOR SANDING**

Floor sanding set are made from CR, SC and ZA grains on smooth and non-tearable stiff G weight paper. The semi-open coating of the coarse grits provides the anti-clogging effect for long life. The Floor Sanding product set can be offered in the standard floor sanding sizes and jumbo rolls.

## **AP210 C/S**

## **STRUCTURE**

Grit: SF - AO

**Bond:** Zinc Stearate over glue over glue

Backing: C weight paper **Grit Range:** P60 - P1000

#### **PRODUCTS**

Dry Paper Hook & Loop Discs Abrasive Roll on Sponge

#### **APPLICATION**

Automotive industry

Furniture

Sanding of Filler / Polyester / glass fiber Sanding of lacquers Pre-polish work

## **SP210 C**

#### **STRUCTURE**

Grit: SC

**Bond:** Glue over Glue Backing: C weight paper Grit Range: P60 - P1000

#### **PRODUCTS**

Dry Paper

180

180

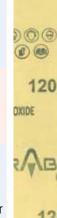
#### **APPLICATION**

Automotive industry **Furniture** Sanding of Filler / Polyester / glass fiber Sanding of lacquers Pre-polish work

#### **AWP211 C**

Automotive / Furniture industry Wet / Dry Application Sanding of Filler / Polyester / glass fiber Sanding of lacquers Pre-polish work





OXIDE



#### **SWP211 C**

#### **STRUCTURE**

Grit: SC

Bond: Resin over Resin Backing: C weight paper Grit Range: P60 - P1000

#### **PRODUCTS**

Water Proof Sheets

#### **APPLICATION**

Metal, Glass, Polyester, Stone and Marble Industries Wet / Dry applications Automotive industry



## **AP310 E/F**

#### **STRUCTURE**

Grit: AO

Bond: Resin over Resin Backing: E or F weight paper Grit Range: P36 - P400

#### **PRODUCTS**

Abrasive Paper Rolls and Sheets



## **SP310 E/F**

#### **STRUCTURE**

Grit: SC

**Bond:** Resin over Resin **Backing:** E or F weight paper Grit Range: P36 - P400

#### **PRODUCTS**

Abrasive Paper Rolls and Sheets



## **AP311 F**

#### **STRUCTURE**

Grit: SF - AO

Bond: Resin over Resin Backing: F weight paper Grit Range: P40 - P600

#### **PRODUCTS**

Wide Belts **Endless Belts** Hook & Loop Discs

## **APPLICATION**

Metal, Wood industries



#### **STRUCTURE**

**SP311 F** 

Grit: SC

Bond: Resin over Resin Backing: F weight paper **Grit Range:** P40 - P600

#### **PRODUCTS**

Wide Belts **Endless Belts** Hook & Loop Discs

#### **APPLICATION**

Stone, Marble, Glass and Furniture **Industries** 



## **STRUCTURE**

**ZP311 F** 

Grit: ZA

Bond: Resin over Resin Backing: F weight paper Grit Range: P40 - P600

#### **PRODUCTS**

Wide Belts **Endless Belts** Hook & Loop Discs

#### **APPLICATION**

Metal and Stainless Steel Industries



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#### **SP320 G**

#### **STRUCTURE**

Grit: SC

**Bond:** Resin over Resin Backing: G weight paper Grit Range: P12 - P120

#### **PRODUCTS**

Floor Sanding Belts

Floor Sanding Rolls and Sheets



1304



Wood, marble, stone and parquet floor sanding



#### **ZP320 G**

#### **STRUCTURE**

Grit: ZA

**Bond:** Resin over Resin Backing: G weight paper Grit Range: P16 - P120

#### **PRODUCTS**

Floor Sanding Belts Floor Sanding Rolls and Sheets



Wood and parquet floor sanding



EN TOTAL



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## **CRP330 G**

## **STRUCTURE**

Grit: CR

**Bond:** Resin over Resin Backing: G weight paper Grit Range: P16 - P120

#### **PRODUCTS**

Floor Sanding Belts Floor Sanding Rolls and Sheets



Wood and parquet floor sanding









#### **AC 410 JF**

#### **STRUCTURE**

Grit: AO

**Bond:** Glue over Glue **Backing:** 100% cotton

JF-weight

Grit Range: P40 - P400

#### **PRODUCTS**

Shop rolls, Sheets

Rolls

#### **APPLICATION**

General purpose use flexible cloth

#### **AC 411 JF**

#### STRUCTURE

Grit: AO

**Bond:** Resin over Resin **Backing:** 100% cotton

J-weight

Grit Range: P40 - P400

#### **PRODUCTS**

Shop rolls, Sheets

Rolls

#### **APPLICATION**

General purpose use flexible cloth

## AC 411 JFE

#### **STRUCTURE**

Grit: SF - AO

**Bond:** Resin over Resin

**Backing:** 100% cotton JF-weight

Grit Range: P40 - P600

#### **PRODUCTS**

Shop rolls, Sheets

Rolls

#### **APPLICATION**

General purpose use flexible cloth



## **AC 611 JF**

#### **STRUCTURE**

Grit: SF - AO

**Bond:** Resin over Resin **Backing:** 100% cotton JF

weight

Grit Range: P60 - P600

#### **PRODUCTS**

Industrial belts

Rolls

#### **APPLICATION**

Wood, Metal industries

#### **AC 611 J**

#### STRUCTURE

Grit: SF

Bond: Resin over Resin

Backing: 100% cotton J-weight

Grit Range: P60 - P600

#### **PRODUCTS**

Industrial belts

Rolls

#### **APPLICATION**

Metal industries



#### **AC 717 J**

#### **STRUCTURE**

Grit: SF

**Bond:** Resin over Resin **Backing:** Polycotton J-weight

Grit Range: P60 - P400

#### **PRODUCTS**

Industrial belts

Rolls

#### **APPLICATION**

Metal industries



## SC 711 J/S

#### **STRUCTURE**

Grit: SC

**Bond:** Resin over Resin **Backing:** Polycotton J-weight **Grit Range:** P60 - P400

#### **PRODUCTS**

Industrial belts

Rolls

#### **APPLICATION**

Stone, Marble, Glass and Furniture

Industries, Metal finishing



#### AC 411 X

#### **STRUCTURE**

Grit: AO

**Bond:** Resin over Resin

Backing: 100% cotton X weight

Grit Range: P24 - P400

#### **PRODUCTS**

Industrial belts

Rolls

#### **APPLICATION**

Anticlogging for Wood, Furniture industries

Metal industries

Portable sanding machine belts



#### **AC 611 X**

#### **STRUCTURE**

Grit: SF

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P400

#### **PRODUCTS**

Industrial belts

Rolls

#### **APPLICATION**

Metal and Stainless steel industries



#### **AC 711 XY**

#### **STRUCTURE**

Grit: AO

**Bond:** Resin over Resin **Backing:** Polycotton XY weight

Grit Range: P16 - P220

#### **PRODUCTS**

Industrial belts Floor Sanding

#### **APPLICATION**

Metal industries Floor sanding







#### **SC 711 XY**

#### **STRUCTURE**

Grit: SC

Bond: Resin over Resin **Backing:** Polycotton XY weight Grit Range: P16 - P220

#### **PRODUCTS**

Industrial belts

Rolls

Floor sanding

#### **APPLICATION**

Stone, Marble, Glass and Furniture Industries

Floor sanding

### **ZC 710 XY**

#### **STRUCTURE**

Grit: ZA

Bond: Resin over Resin **Backing:** Polycotton XY weight **Grit Range:** P16 - P120

#### **PRODUCTS**

Industrial belts

Rolls

Floor sanding

#### **APPLICATION**

Wood, Furniture and shoe industries Metal industries

Floor sanding

## **ZC 711 XY**

#### STRUCTURE

Grit: ZA

**Bond:** Resin over Resin **Backing:** Polycotton XY weight Grit Range: P24 - P120

## **PRODUCTS**

Industrial belts

Rolls

Floor Sanding

#### **APPLICATION**

Metal industries Floor sanding



#### **CRC 730 XY**

#### **STRUCTURE**

Grit: CR

Bond: Resin over Resin Backing: Polycotton XY weight

Grit Range: P16 - P120

#### **PRODUCTS**

Industrial belts

Rolls

Floor Sanding

#### **APPLICATION**

Metal industries Floor sanding



### **AC 811 XY**

#### **STRUCTURE**

Grit: AO

**Bond:** Resin over Resin Backing: Polyester XY weight Grit Range: P24 - P400

#### **PRODUCTS**

Heavy duty belts

Rolls

#### **APPLICATION**

Drv/wet metal and wood industries

Stainless Steel

## **SC 811 XY STRUCTURE**

Grit: SC

**Bond:** Resin over Resin Backing: Polyester XY weight Grit Range: P24 - P400

#### **PRODUCTS**

Heavy duty belts

Rolls

#### **APPLICATION**

Dry/wet glass, stone and marble

80

#### **ZC 811 XY**

#### **STRUCTURE**

Grit: ZA

Bond: Resin over Resin Backing: Polyester XY weight Grit Range: P24 - P120

**PRODUCTS** 

Heavy duty belts

Rolls

#### **APPLICATION**

Dry/wet metal, stainless steel and

alloy industries



#### **ZC 812 XY**

#### **STRUCTURE**

Grit: ZA

**Bond:** Top Size over Resin over Resin Backing: Polyester XY weight Grit Range: P24 - P120

#### **PRODUCTS**

Heavy duty belts Rolls

## **APPLICATION**

Dry/wet metal, stainless steel and alloy industries



#### **CRC 832 XY**

## **STRUCTURE**

Grit: CR

**Bond:** Top Size over Resin over Resin Backing: Polyester XY weight Grit Range: P24 - P120

#### **PRODUCTS**

Heavy duty belts

Rolls

#### **APPLICATION**

Dry/wet metal, stainless steel and alloy industries



# Flap Disc & Flap Wheel Cloths

#### AC 421 X

#### **STRUCTURE**

Grit: A0

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P120

#### **PRODUCTS**

Flap Discs Rolls

#### **APPLICATION**

Soft metal surface grinding

#### SC 421 X

#### **STRUCTURE**

Grit: SC

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P400

#### **PRODUCTS**

Flap Discs Rolls

#### **APPLICATION**

Granite, glass, stone, marble, rubber and plastic industries

#### **ZC 420 X**

#### **STRUCTURE**

Grit: ZA - AO

Bond: Resin over Resin Backing: Cotton X weight Grit Range: P36 - P120

#### **PRODUCTS**

Flap Discs Rolls

#### **APPLICATION**

Metal

Stainless steel surface grinding

#### **ZC 421 X**

#### **STRUCTURE**

Grit: ZA

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P120

#### **PRODUCTS**

Flap Discs Rolls

#### **APPLICATION**

Metal

Stainless steel surface grinding

#### **AC 721 X**

#### **STRUCTURE**

Grit: A0

**Bond:** Resin over Resin **Backing:** Polycotton X weight **Grit Range:** P36 - P120

#### **PRODUCTS**

Flap Discs Rolls

#### **APPLICATION**

Metal, soft metal Stainless steel edge grinding

## **ZC 721 X**

#### **STRUCTURE**

Grit: ZA

Bond: Resin over Resin
Backing: Polycotton X weight

#### **Grit Range:** P36 - P120

**PRODUCTS** 

Flap Discs Rolls

#### **APPLICATION**

Metal

Stainless steel edge grinding Heavy duty applications

# ZC 757 X STRUCTURE

**Grit:** 100% ZA

**Bond:** Resin over Resin **Backing:** Polycotton X weight

Grit Range: P36 - P120

#### **PRODUCTS**

Flap Discs Rolls

### APPLICATION

Moto

Stainless steel edge grinding Heavy duty applications

## **CRC 732 X**

#### **STRUCTURE**

Grit: CR

**Bond:** Resin over Resin over Top S. **Backing:** Polycotton X weight

Grit Range: P36 - P120

#### **PRODUCTS**

Flap Discs Rolls

## APPLICATION

Metal, Stainless steel edge grinding Universal applications

## **AC 620 X**

## STRUCTURE

Grit: SF

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P600

#### **PRODUCTS**

Flap Wheel Belts Rolls

#### **APPLICATION**

Metal, soft metal Stainless steel surface polishing

### **AC 621 X**

## STRUCTURE

Grit: SF

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P600

#### **PRODUCTS**

Flap Wheel Belts Rolls

#### **APPLICATION**

Metal, soft metal Stainless steel surface polishing

#### **ZC 621 X**

## STRUCTURE

**Grit:** ZA

**Bond:** Resin over Resin **Backing:** Cotton X weight **Grit Range:** P36 - P120

#### **PRODUCTS**

Flap Wheel Belts Rolls

#### **APPLICATION**

Metal, soft metal Stainless steel surface polishing









**Backing**: 0,8 mm. Vulcanized Fiber

Grain/Coating: A0
Grits: P16-120

**Diameters**: 100mm./115mm./125mm/150mm./180mm./230mm.

Applications : Metalworking, Woodworking

Hole Types : Crosscut, Depressed and Roundhole



**Backing**: 0,8 mm. Vulcanized Fiber

Grain/Coating: ZA
Grits: P16-120

**Diameters**: 100mm./115mm./125mm/150mm./180mm./230mm.

Applications : Metalworking, Steelworking
Hole Types : Crosscut, Depressed and Roundhole



**Backing** : 0,8 mm. Vulcanized Fiber

Grain/Coating: ZA
Grits: P16-120

**Diameters**: 100mm./115mm./125mm/150mm./180mm./230mm.

Applications : Metalworking, Steelworking, Alloys
Hole Types : Crosscut, Depressed and Roundhole



**Backing**: 0,8 mm. Vulcanized Fiber

**Grain/Coating:** SC **Grits:** P16-400

**Diameters**: 100mm./115mm./125mm/150mm./180mm./230mm.

Applications : Stone, Granite, Rubber, Plastic

Hole Types : Crosscut, Depressed and Roundhole



Grits : P16-120

Diameters : 100mm./115mm./125mm/150mm./180mm./230mm.

Applications : Metalworking, Steelworking, High Material Removal

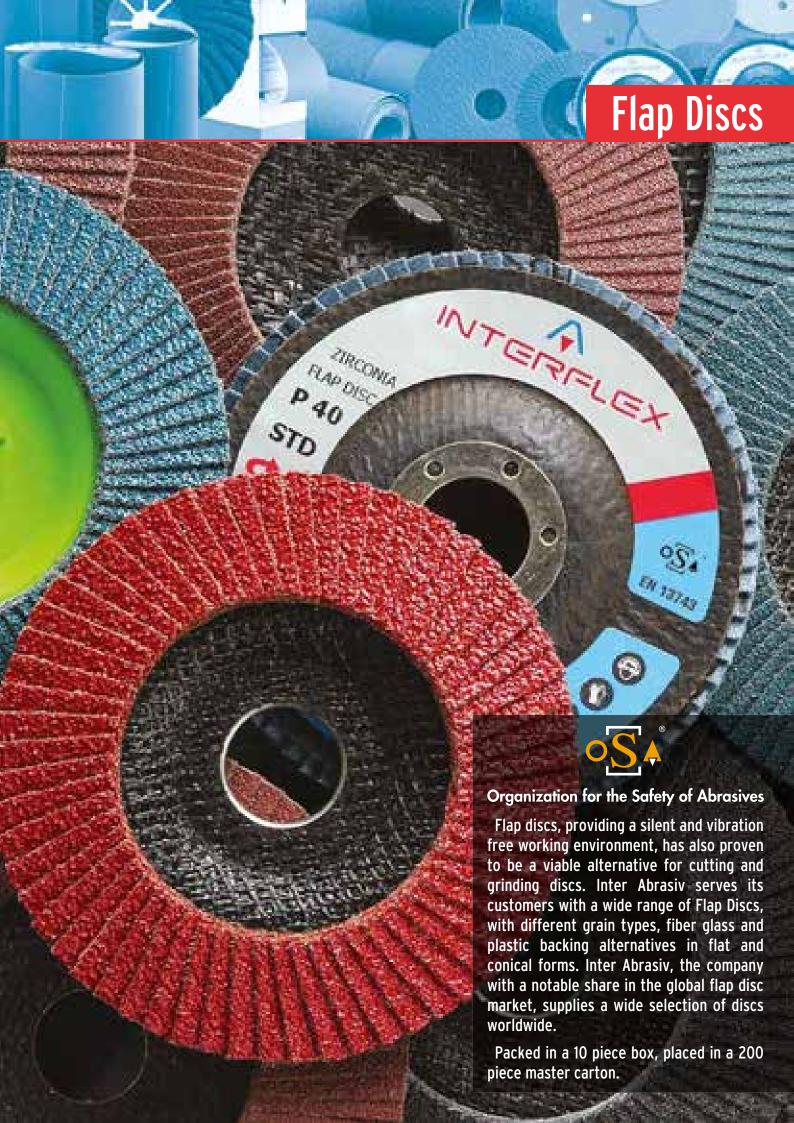
**Hole Types**: Crosscut, Depressed and Roundhole



**Diameters** : 100mm./115mm./125mm/150mm./180mm./230mm.

**Applications**: Metalworking, Stainless steel, Alloys **Hole Types**: Crosscut, Depressed and Roundhole









| Product Code | Grain Type | Backing | Max. Width (mm) | Туре                           | Use                                      |
|--------------|------------|---------|-----------------|--------------------------------|--|
| AC421X       | AO         | Cloth   | 1450/1650       | Flap Disc Cloth                | Sanding Metal, Cast Iron                 |
| SC421X       | SC         | Cloth   | 1450/1650       | Flap Disc Cloth                | Marble, Stone, Glass, Plastic, Cast Iron |
| ZC420X       | ZA         | Cloth   | 1450/1650       | Flap Disc Cloth                | Metal, Stainless Steel, Alloy            |
| ZC421X       | ZA         | Cloth   | 1450/1650       | Flap Disc Cloth                | Metal, Stainless Steel, Alloy            |
| AC721X       | AO         | Cloth   | 1650            | Flap Disc Cloth                | Metal, Cast Iron                         |
| ZC721X       | ZA         | Cloth   | 1650            | Flap Disc Cloth                | Metal, Stainless Steel, Alloy            |
| ZC757X       | ZA         | Cloth   | 1650            | Flap Disc Cloth                | Metal, Stainless Steel, Alloy            |
| CRC732X      | CR         | Cloth   | 1650            | Flap Disc Cloth/Cooling Effect | Metal, Stainless Steel, Alloy            |



#### **ECO PLUS**

Eco plus is a light-weight product with fewest flap count as compared to other flap disc types. With its reasonable costs this product is highly suitable for the DIY market.



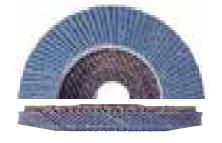
#### **HIGH DENSITY**

High Density flap discs have an increased number of flaps and flap sizes are larger as compared to Eco Plus and Standard. They have a long life than standard products. Especially suitable for industrial use, this product is increasingly popular in the global market.



#### **STANDARD**

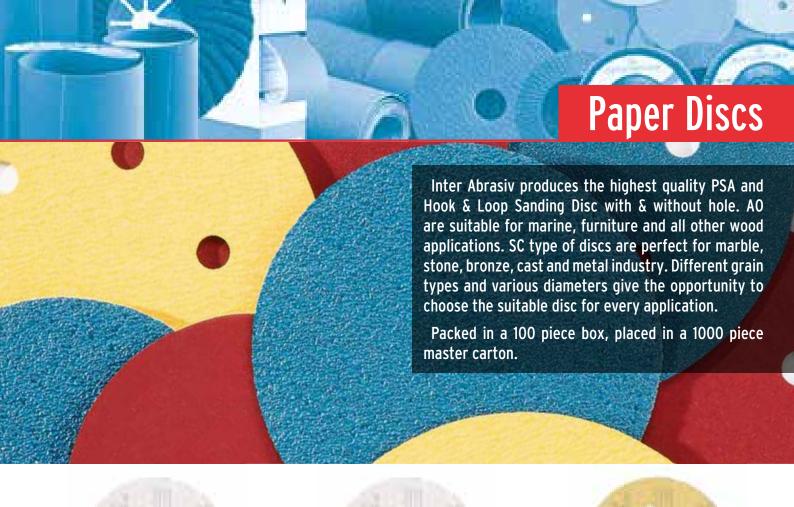
Standard flap discs, made for optimum price-performance, are suitable for all types of markets.



#### XXL

XXL flap discs have even a higher flap count and taller and wider flap sizes than all other flap disc types. These discs have a very long life and are suited to heavy grinding applications.







**Backing**: F Weight Paper laminated with

hook&loop fabrics.

**Grain/Coating**: SF - AO **Grits**: P40-120

**Diameters** : 100mm/115mm/125mm/150mm

180mm/200mm/230mm

Applications : Metalworking, Woodworking
Advantages : Highly efficient, Long life.
Types : With&Without Holes

ZA Disc

Backing : F Weight Paper laminated with hook&loop fabrics.

Grain/Coating : ZA

Grits : P60-120

**Diameters** : 100mm/115mm/125mm/150mm

180mm/200mm/230mm

Applications : Metal, Stainless Steel industries
Advantages : Highly efficient, Long life.
Types : With&Without Holes

SC Disc

**Backing**: F Weight Paper laminated with hook&loop fabrics.

Grain/Coating : SC

**Grits** : P40-400 **Diameters** : 100mm/1

**Diameters** :100mm/115mm/125mm/150mm

180mm/200mm/230mm

**Applications**: Stone, Granite, Glass, Furniture,

Stainless steel finishing

Advantages : Highly efficient, Long life.

Types : With&Without Holes



**Backing** : C Weight Paper laminated with

hook&loop fabrics.

**Grain/Coating**: SF **Grits**: P60-600

**Diameters** : 100mm/115mm/125mm/150mm

180mm/200mm/230mm

**Applications**: Wood, Automotive, Sanding of Filler, Polyester,

glass fiber, Sanding of lacquers Pre-polish work

Advantages : Flexible, Highly efficient
Types : With&Without Holes

## **Platin Disc**

**Backing** : C Weight Paper laminated with

hook&loop fabrics.

Grain/Coating: SF-A0
Grits: P60-600

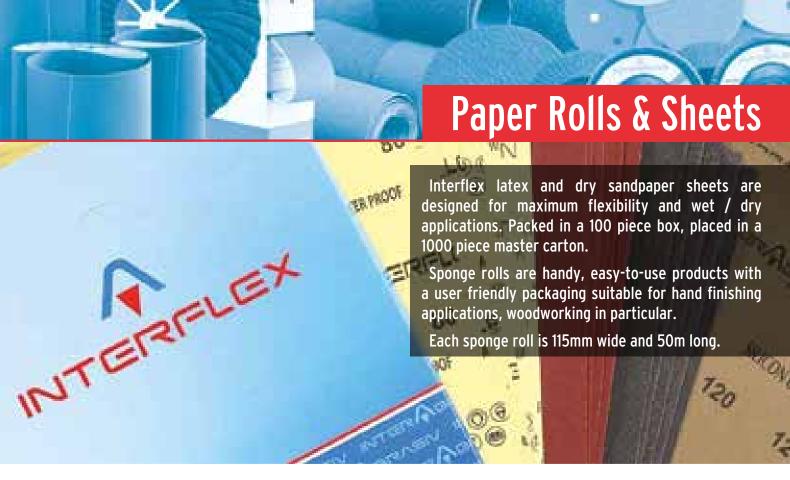
**Diameters** : 100mm/115mm/125mm/150mm

180mm/200mm/230mm

**Applications** : Wood, Furniture industries, Metal industries, **Advantages** : Flexible, Highly efficient, Long life

Types : With&Without Holes





## Interflex redefines the good old sandpaper



## Sand Papers

**Applications**: Wood, Automotive, Sanding of Filler,

Polyester, glass fiber, Sanding of lacquers Pre-polish work Dry/wet hand use applications

Grain : SC - AO

**Dimensions** : 230 x 280 mm (9"x11")

**Grits** : P60-1000

**Type** : Waterproof Paper, Dry Paper



## Sponge Rolls

**Applications**: Wood, Automotive, Sanding of Filler, Polyester,

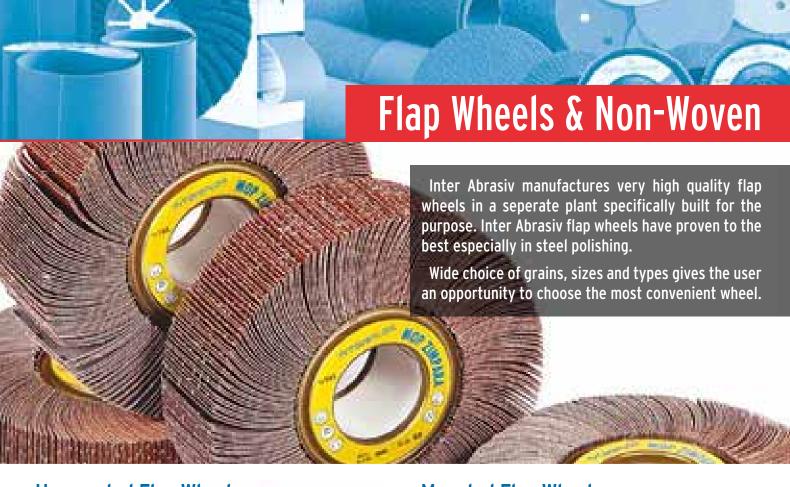
glass fiber, Sanding of lacquers, Pre-polish work

advantage of soft surface feel

Grain : SF

**Dimensions** : 115 mm x 50 m **Grits** : P60-600

**Type** : Gold and Platin Paper on Sponge



## **Unmounted Flap Wheels**

Flap Type : Abrasive Cloth, Grain : SF - AO

**Applications**: Deburring, Finishing,

and Polishing on Steel

surfaces



| Diameters (mm) | <b>Hole Sizes</b> | Max. Rpm | Grits               |
|----------------|-------------------|----------|---------------------|
| 165x25         | ø 45              | 5700     | _                   |
| 165x30         | ø 45              | 5700     |                     |
| 165x50         | ø 45              | 5700     | _                   |
| 180x25         | ø 48              | 5200     |                     |
| 180x30         | ø 48              | 5200     | -<br>- P40-60-80-   |
| 180x50         | ø 48              | 5200     | 100-120-150         |
| 200x25         | ø 45-48           | 4700     | 180-220-240-280-320 |
| 200x30         | ø 45-48           | 4700     | 360-400-500-600     |
| 200x50         | ø 45-48           | 4700     | _                   |
| 250x25         | ø 68-76           | 3800     |                     |
| 250x30         | ø 68-76           | 3800     | _                   |
| 250x50         | ø 68-76           | 3800     |                     |

## **Mounted Flap Wheels**

Flap Type : Abrasive Cloth, Grain : SF - AO

**Applications**: Deburring, Finishing,

Polishing on Steel surfaces, highly demanded from casting industries



| Diameters (mm) | Pin Sizes | Max. Rpm | Grits         |
|----------------|-----------|----------|---------------|
| 20x15          | ø 6       | 38100    |               |
| 20x20          | ø 6       | 38100    |               |
| 20x25          | ø 6       | 38100    |               |
| 25x15          | ø 6       | 30500    |               |
| 25x20          | ø 6       | 30500    |               |
| 25x25          | ø 6       | 30500    |               |
| 30x10          | ø 6       | 25400    |               |
| 30x15          | ø 6       | 25400    |               |
| 30x20          | ø 6       | 25400    |               |
| 30x30          | ø 6       | 25400    |               |
| 40x15          | ø 6       | 19100    | P40-60-80-100 |
| 40x20          | ø 6       | 19100    | 120-150-180   |
| 40x30          | ø 6       | 19100    | 220-240-280   |
| 50x15          | ø 6       | 15200    | 320-360-400   |
| 50x20          | ø 6       | 15200    | 500-600       |
| 50x30          | ø 6       | 15200    |               |
| 60x15          | ø 6       | 12700    |               |
| 60x20          | ø 6       | 12700    |               |
| 60x30          | ø 6       | 12700    |               |
| 60x40          | ø 6       | 12700    |               |
| 60x50          | ø 6       | 12700    |               |
| 80x20          | ø 6       | 9500     |               |
| 80x30          | ø 6       | 9500     |               |
| 80x40          | ø 6       | 9500     |               |
| 80x50          | ø 6       | 9500     |               |
|                |           |          |               |





## **Non-Woven and Combined Discs**

Flap Type : Combination Non-Woven and Abrasive Cloth

Grain : A0

**Applications**: Finishing & Polishing

| Diameters (mm) | <b>Hole Sizes</b> | Max. Rpm | Types       |
|----------------|-------------------|----------|-------------|
| 115            | ø 22              | 5700     | Non-Woven / |
| 180            | ø 22              | 4500     | Combined    |



## **Combined Abrasive Flap Wheels**

Flap Type : Combination Non-Woven and Abrasive Cloth

Grain : A0

**Applications** : Satin effect on metals

| Diameters (mm) | <b>Hole Sizes</b> | Max. Rpm | Types       |
|----------------|-------------------|----------|-------------|
| 115x20         | M14               | 700      |             |
| 115x40         | M14               | 5700     | Non-Woven / |
| 165x30         | M14               | 2800     | Combined    |
| 165x50         | M14               | 2800     |             |



## **Abrasive Flap Wheels**

Flap Type : X Weight %100 Cotton cloth

**Grain** : A0 - Z*i* 

**Applications**: Metal and stainless steel profile grinding

| Diameters (mm) | Hole Sizes | Max. Rpm | Types             |
|----------------|------------|----------|-------------------|
| 115x20 (AO)    | M14        | 7500     |                   |
| 115x30 (AO)    | M14        | 7500     | AO: P40-60-80-100 |
| 115x40 (AO)    | M14        | 7500     | . 120-150-180     |
| 115x50 (AO)    | M14        | 7500     | 220-240-320-600   |
| 115x20 (ZR)    | M14        | 7500     |                   |
| 115x30 (ZR)    | M14        | 7500     | ZR: P40-60-       |
| 115x40 (ZR)    | M14        | 7500     | 80-100-120        |
| 115x50 (ZR)    | M14        | 7500     |                   |



## **Keyway Flap Wheels**

Flap Type : X Weight %100 Cotton cloth, Combination, Non-Woven

Grain : A0

**Applications**: Original, satin effect on metal and steel

| Diameters (mm) | Hole Sizes | Max. Rpm | Types                     |
|----------------|------------|----------|---------------------------|
| 100x100        | Keyway     | 3700     | P40-60-80-<br>100-120-150 |







## **AO Semiflex Discs**

**Backing**: Technical Fiber/Fiberglass Backing **Backing Shape**: Depressed Center and Flat Types **Grain/Coating**: A0/3 layers grit 4 layers resin

**Grits** : P16-120

**Diameters** : 115mm/125mm/180mm **Applications** : Metalworking

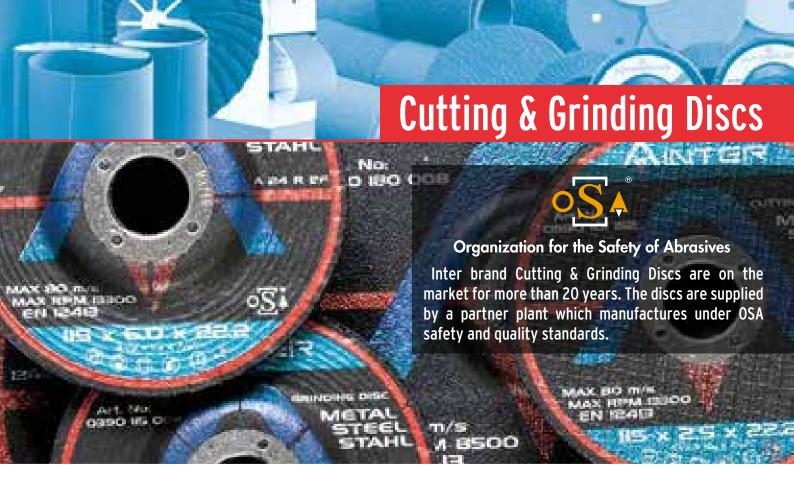


## **SC Semiflex Discs**

Backing : Technical Fiber/Fibedglass Backing Backing Shape : Depressed Center and Flat Types Grain/Coating : SC/3 labels grit 4 labels resin

**Grits** : P16-120

**Diameters** : 115mm/125mm/180mm **Applications** : Stoneworking, Granite.





## **Grinding Discs**

Product Type : Grinding Discs (Depressed)
Applications : Metalworking, Marbleworking

**Advantages** : Standard disc with high grinding performance for all grinding work.

| Diameters (mm) | Hole Sizes | Max. Rpm | Types                          |
|----------------|------------|----------|--------------------------------|
| 115x6.0        | 22 mm      | 13300    |                                |
| 180x6.0        | 22 mm      | 8500     | Depressed                      |
| 180x8.0        | 22 mm      | 8500     | Metalwoking &<br>Marbleworking |
| 230x6.0        | 22 mm      | 6600     | wai biewoi kiliy               |



## **Cutting Discs**

**Product Type**: Cutting Discs (Depressed/Fist)

**Applications** : Steelworking, Marbleworking, Metalworking **Advantages** : Suitable for Metal and Marble industries

| Diame | ters (mm) | <b>Hole Sizes</b> | Max. Rpm | Types          |
|-------|-----------|-------------------|----------|----------------|
| 11    | 5x1.0     | 22 mm             | 13300    | Flat Center    |
| 11    | 5x1.6     | 22 mm             | 13300    | (Steelworking) |

| Diameters (mm) | Hole Sizes | Max. Rpm | Types           |
|----------------|------------|----------|-----------------|
| 115x2.5        | 22 mm      | 13300    | . Fist Center   |
| 115x2.5        | 22 mm      | 13300    | (Metalworking & |
| 180x3.2        | 22 mm      | 8500     | Marbleworking)  |
| 180x3.2        | 22 mm      | 8500     | Depressed       |
| 230x3.2        | 22 mm      | 6600     | (Metalworking & |
| 230x3.2        | 22 mm      | 6600     | Marbleworking)  |





Inter Abrasiv performs tests at every step of the production to control product performance under heavy conditions. All product performance quality testing are applied in accordance with EN13743.

The quality and safety of Inter Abrasiv products have been tested and approved by international institutions and the company has recently become a member of the Organization for the Safety of Abrasives (oSa).

Inter Abrasiv has been awarded the ISO 9001 Quality Management Systems certificate in recognition of its conformity with the European quality standards.

Inter Abrasiv, markets high quality and professionally designed products all around the world while providing well-established distribution channel benefits, fast delivery and excellent service network advantages to its customers. Inter Abrasiv has been a pioneer in the industry by providing the benefit of OEM manufacturing. Inter Abrasiv, using enhanced technology in its production, is a global brand.



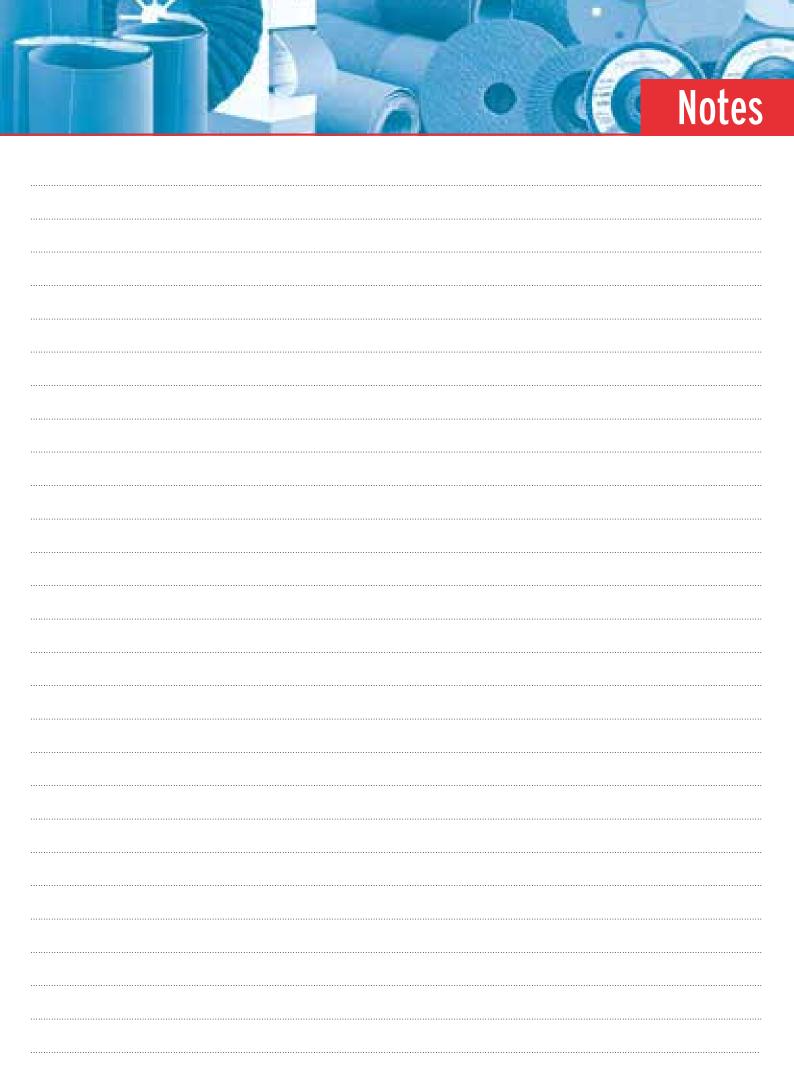
















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