



**MARPOL...*for the best surface...***

# About Marpol

We're the leading manufacturer of Polishing Compounds, Polishing Buffs & Abrasive Materials for various industries. We've been producing various kind of polishing materials since 1970.

We've a production capacity of 50.000 kg/day for polishing compounds and we've equipped fully automatic machines for polishing buffs & abrasive materials production. We're certifying according ISO9001, every production shift that we're producing with chemical analyze and viscosity tests.

Our R&D department and Laboratory are equipped with the highest technology equipment including S.E.M (Scanning Electron Microscope)

Marpol is the only integrated facility, produces polishing compounds, polishing buffs & abrasives materials altogether in a single factory.

Marpol produces;

- Polishing Compounds
- Polishing Buffs
- Abrasive Flap Discs
- Abrasive Flap Wheels
- Velcro Film Discs & Velcro Paper Discs
- Abrasive Belts & Rolls
- Non-woven Flap Discs, Rolls & Discs
- Car Polishes

We export to more than 60 countries in all over the world and we can proudly say that, we're one of the biggest producer in the World.

We assure you a pleasant deal not only in pricing but also an appreciated high quality as well as quick and on-time deliveries. Because the global economy implies us the hottest competition that no one has ever experienced, now it is time to get use of all possibilities to cut costs which we believe we have much to contribute you in this respect.

Advantages of Marpol;

- More Life & Lower Consumption
- Getting all of your polishing requirements from one supplier
- Big experience of Marpol provides best product selection
- Competitive pricing of Marpol helps for cost reducing at your production
- Just on time deliveries and fast service including best aftersales service



# SOLID POLISHING COMPOUNDS



Marpol is capable of producing solid polishing compounds for polishing all kind of materials and applications. Marpol uses the highest quality of abrasives such as aluminium oxide, corundum, tripoli. Our solid polishing compounds are suitable for polishing of all surfaces.

**Main Surfaces to Polish;**

- *Stainless Steel, Carbon Steel & Titanium*
- *Aluminium, Aluminium Alloys & Zinc*
- *Brass, Copper, Silver, Gold & Precious Metals*
- *PU Lacquered Wood, Coatings, Plastic, Painted Surfaces & Composites*

Hereunder are the major reasons why there are so many different products in our solid polishing compound production program.

- *Revisions at customers' polishing processes*
- *Product diversity*
- *Quality of the raw materials*
- *Variation of the intended surface quality*
- *Diversification of intended colour at final polishing "blue effect, deep black effect"*
- *Human sense which is a subjective conception*

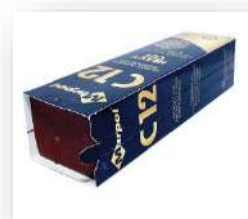


# Solid Polishing Compounds by Polishing Stages

## 1.SUPER HEAVY CUT: Carbo, C47, C68, C65, C63



## 2.HEAVY CUT: C106, C94, C53, C1, S1, C12, C13



## 3.MEDIUM CUT: C41, CF96



## 4.FINISH: Volax, Chrome, Green, Highfin, CRX, F66, F62,

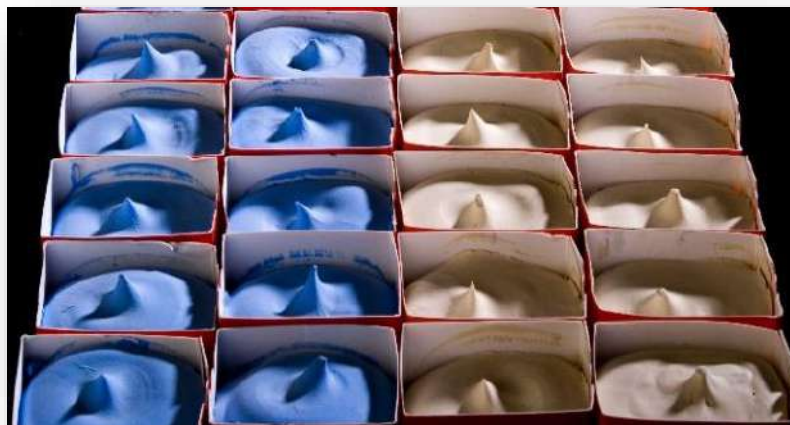


## 5.SUPER FINISH: SF15, MX5, SF25, SF25D, MX6



# Solid Polishing Compounds Range with Applications

Code	Colour	Process / Material	Cut	Gloss
Marpol Carbo	Gray	Super Heavy Cut / Stainless Steel & Ferrous Metals	10	1
Marpol C53	White	Heavy Cut / Stainless Steel & Metals	9	5
Marpol C1	Red	Heavy Cut / Stainless Steel & Metals	9	5
Minox 101	Red	Heavy Cut / Stainless Steel & Metals	8	4
Marpol C94	Green	Heavy Cut / Stainless Steel & Metals	9	4
Marpol C106	Pink	Heavy Cut / Stainless Steel & Metals	8	5
Marpol C41	White	Cut / Aluminium, Brass & Non-Ferrous Metals	7	6
Marpol C12	Brown	Cut / Aluminium, Brass & Non-Ferrous Metals	9	3
Marpol C13	Brown	Cut / Aluminium, Brass & Non-Ferrous Metals	9	3
Marpol Brown	Brown	Cut / Aluminium, Brass & Non-Ferrous Metals	8	4
Marpol C55	Orange	Cut / Painted Surdaces, Coatings & Plastics	8	5
Marpol CF96	Yellow	Cut & Finish / Aluminium	7	6
Marpol F03A	Pink	Finishing / Non-Ferrous Metals	3	8
Marpol F66	Beige	Finishing / Painted Surdaces, Coatings & Plastics	3	8
Marpol F65	White	Finishing / Painted Surdaces, Coatings & Plastics	3	8
Marpol F62	Roza	Finishing / Coatings, Plastics & Metals	2	9
Marpol Volax	Blue	Mirror Finishing / Stainless Steel & All Metals	3	9
Marpol 261	Blue	Mirror Finishing / Stainless Steel & All Metals	1	9
Marpol 262	Blue	Mirror Finishing / Stainless Steel & All Metals	1	9
Minox 201	Blue	Mirror Finishing / Stainless Steel & All Metals	2	8
Marpol F84B	Blue	Mirror Finishing / Aluminium & Non-Ferrous M.	1	9
Marpol F84W	White	Mirror Finishing / Aluminium & Non-Ferrous M.	1	9
Marpol Highfin	White	Mirror Finishing / Stainless Steel & All Metals	1	9
Marpol Chrome	Green	Mirror Finishing / Stainless Steel & All Metals	1	9
Marpol Green	Green	Mirror Finishing / Stainless Steel & All Metals	1	9
Marpol CRX	Green	Mirror Finishing / Stainless Steel & All Metals	1	9
Eurolux Green	Green	Mirror Finishing / Stainless Steel & All Metals	1	9
Marpol SF15	Yellow	Super Finishing / Coatings, Plastics & Metals	1	10
Volker SF25D	Blue	Super Finishing / Stainless Steel & Precious Metals	1	10
Marpol MX5	White	Super Finishing / Stainless Steel & Precious Metals	1	10
Marpol MX5D	White	Super Finishing / Stainless Steel & Precious Metals	1	10



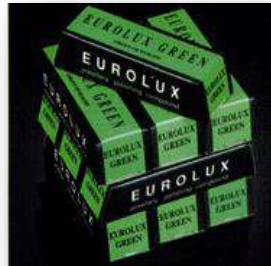


# Jewelry Polishing Compounds

Marpol Jewelry compounds show extremely high performance for finishing and mirror finishing of the jewelry. It is appropriate for the firms that desire the surfaces to be very smooth. These products are more economical than the mini bar ones.

## Eurolux Green:

Made from high - purity oxides. It provides an extremely successful and an eye-catching glitter. Its performance in removing scratches and polishing is slightly better than that of the white compound. It is produced in 130 gr.



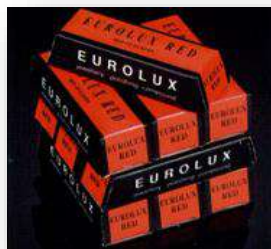
## Italiano:

Used for smoothing the surfaces of jewelries made of gold, silver and the like, before final polishing. It is a soft product, also known as "Italian polish" in the market. It is the indispensable of jewelry sector in pre-polishing.



## Eurolux Red:

Made from iron oxides. It is applied in the final polishing and gathers the polishing buff very well. It bears the cutting effect along with the polishing feature. It is produced in 130 gr



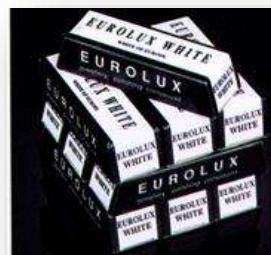
## Pumice:

Very effective in eliminating the surface scratches before the final polishing. Due to the special lubricants inside the product, it provides a perfect hold on the buff. Because of this feature, it supports pre-polishing.



## Eurolux White:

Made from high-purity oxides. It provides an extremely successful and an eye-catching glitter. It is produced in 130 gr.



## Armature:

Owing to the special oxides in its structure, it leaves the surface clean so that the operator can notice the state of the surface scratches with ease before the final polishing. Its oil rate is lower than that of pumice and provides brightness.



## Eurolux Blue:

Made from high - purity oxides. It provides an extremely successful and an eye - catching glitter. It is greasy than the white compound. It is produced in 130 gr.



## Europol:

Time it is used in jewelry sector for smoothing the surfaces of jewelries made of gold, silver and the like, before final polishing. It is the indispensable of jewelry sector in pre-polishing.





# LIQUID POLISHING COMPOUNDS



Marpol is capable of producing liquid polishing compounds for polishing all kind of materials and applications. Marpol uses the highest quality of abrasives such as aluminium oxide, corundum, tripoli. Our polishing compounds are suitable for polishing of all surfaces.

## Main Surfaces to Polish;

- Stainless Steel, Carbon Steel & Titanium
- Aluminium, Aluminium Alloys & Zinc
- Brass, Copper, Silver & Gold
- PU Lacquered Wood, Plastic, Painted Surfaces & Composites

The strong emulsions of our compounds and the quality of production process guarantee the longest possible life of compound itself without separation between heavy and light particles.

## Advantages of Marpol Liquid Compounds;

- Degreasing without problems
- Lower consumption provides an economical use
- High cooling effect increases life of polishing buffs
- Less polishing time helps to increase efficiency & productivity
- Wide range helps to find the best surface solution

# Liquid Polishing Compounds Range with Applications

Product Code	Colour	Process / Material	Cut	Gloss
AST		Heavy Cut / Stainless Steel & Steel	9.50	3
8046		Heavy Cut / Stainless Steel & Steel	9	3.50
1656 IT		Heavy Cut / Stainless Steel & Steel	9	3.50
1636		Cut / Stainless Steel & Steel	8	3
1192		Cut / Stainless Steel & Steel	8	3
7744		Coarse Polishing / Non-Ferrous Metals	8	4
1300		High Gloss / Stainless Steel & Steel	2	8
1100		High Gloss / Stainless Steel & Steel	2	9
1001		High Gloss / Stainless Steel	3	9
1679		High Gloss / Stainless Steel & Steel	3	9
Marpol RD		Super High Gloss / Stainless Steel & Steel	2	9
Diamond		Super High Gloss / Stainless Steel & Steel	2	9.50
Sapphire		Super High Gloss / Stainless Steel & Steel	1	10

## PACKING OF LIQUID COMPOUNDS



50 & 80 kg Carton Boxes



1.250 kg IBC Tanks



250 kg Metal Barrels

## APPLICATION SYSTEMS

- High Pressure Spray Guns
- Low Pressure Spray Guns
- Nozzles & Accessories
- Pressure Tanks







## CREAM COMPOUNDS (Industrial)

Marpol cream compound products for dry tumbling applications at Jewelry, glass frame and other metal industries. Available in 15 kg plastic buckets and 275 kg barrels.

### Cream Compounds Range with Specifications

Product Code	Colour	Process	Cut	Gloss
CR35	White	Tumbling applications	8	2
CR31	Pink	Tumbling applications	3	6
CR71	White	Tumbling applications	2	8
CR46	White	Tumbling applications	1	10

## TUBE CREAM COMPOUNDS (D.I.Y.)

Besides its consumption in professional use, it is also a quite preferable product in amateur use. It provides an eye - catching brightness when it is applied manually with a damp piece of soft cotton fabric on gold, silver, ornamental articles as well as all metal and non - metal products. It is a highly preferred product for hobby kits.



# **POLISHING BUFFS**



**Marpol produces variety of polishing buffs for both manual & automatic applications.**

## **Main Types of Polishing Buffs;**

- **Stainless Steel, Carbon Steel & Titanium**
- **Aluminium, Aluminium Alloys & Zinc**
- **Brass, Copper, Silver & Gold**
- **PU Lacquered Wood, Plastic, Painted Surfaces & Composites**



# Cotton Types & Mill Treatments with Specifications



Cotton Code	Colour	Process	Polished Materials	Stiffness
MK88	Yellow	Super Heavy Cut / Heavy Cut	Ferrous & Non-ferrous Metals	Hard
MK89	Blue	Super Heavy Cut / Heavy Cut	Ferrous & Non-ferrous Metals	Hard
MK81	Pink	Super Heavy Cut / Heavy Cut	Ferrous & Non-ferrous Metals	Hard
MK90	Purple	Super Heavy Cut / Heavy Cut	Ferrous & Non-ferrous Metals	Medium
UNI	White	Heavy Cut / Medium Cut	Ferrous & Non-ferrous Metals	Medium
MK60	Red	Heavy Cut / Medium Cut	Ferrous & Non-ferrous Metals	Medium
MK41	Green	Medium Cut / Finish	Ferrous & Non-ferrous Metals	Soft
MK8074	White	Finish / Superfinish	All Metals, Wood & Plastic	Soft
MK8680	White	Finish / Superfinish	All Metals, Wood & Plastic	Soft
P17	Green	Finish / Superfinish	All Metals, Wood & Plastic	Soft
P14	Green	Finish / Superfinish	All Metals, Wood & Plastic	Soft
Patiska	White	Finish / Superfinish	All Metals, Wood & Plastic	Soft
Molton	White	Superfinish	All Metals, Wood & Plastic	Very Soft





# Sisal Buffs Dip Treatment Types with Specifications



Cotton Code	Colour	Process	Polished Materials	Stiffness
110	Blue	Super Heavy Cut / Heavy Cut	Ferrous & Non-Ferrous Metals	Very Hard
117	Purple	Super Heavy Cut / Heavy Cut	Ferrous & Non-Ferrous Metals	Very Hard
117	Yellow	Super Heavy Cut / Heavy Cut	Ferrous & Non-Ferrous Metals	Hard
125	Green	Super Heavy Cut / Heavy Cut	Ferrous & Non-Ferrous Metals	Hard
116	Red	Super Heavy Cut / Heavy Cut	Ferrous & Non-Ferrous Metals	Medium Hard
113	Orange	Super Heavy Cut / Heavy Cut	Ferrous & Non-Ferrous Metals	Medium Hard
114	Pink	Heavy Cut / Medium Cut	Ferrous & Non-Ferrous Metals	Soft
100	White	Heavy Cut / Medium Cut	Ferrous & Non-Ferrous Metals	Soft



### **Corrugated Sisal Buffs**

Very popular at stainless steel cookware & aluminium wheel industries. This Bias buff is supported with double layers cotton covers on sisal cloth. Mainly used at automatic polishing machines. Wavy shapes provides cooling & bias system increase life of these buffs with various dip treatments.

Dimension : Min. 300mm Max.480mm



### **Airway Sisal Buffs**

Universal Buffs for all industries both for manual & automatic applications. This Bias buff is supported with double layers cotton covers on sisal cloth. Ventilated shape provides cooling & bias system increase life of buffs with various mill treatments. Can be supplied with cardboard center or metal center plates.

Dimension : Min. 200mm Max.610mm



### **Disc Sisal Buffs**

Very popular at cookware & knife industries both for manual & automatic applications. Combination of full leaf covers with triangle system-cut leaves sewn with special high resistant silk yarn increases life of these buffs with various dip treatments.

Dimension : Min. 100mm Max.500mm



### **Bias Sisal Disc Buffs**

Universal Buffs for all industries both for manual & automatic applications. Bias sisal leaves sewn with special high resistant silk yarn increases life of these buffs with various dip treatments. Very popular buffs at Knife & Cookware industries.

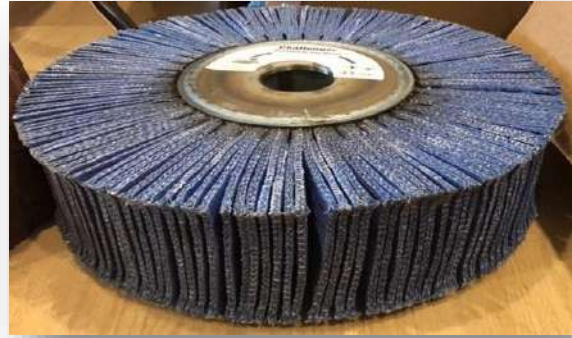
Dimension : Min. 250mm Max.600mm





## **Challenger Sisal Flap Wheels**

Special Buffs for automatic polishing applications. Flaps increase cutting power and cooling. Bias system increase life of buffs with various mill treatments with different stiffness.



## **Finger Sisal Buffs**

This special Bias buff is supported with double layers cotton covers on sisal cloth. Finger shape provides flexibility & bias system increase life of buffs with various mill treatments. Can be supplied with cardboard center or metal center plates. Dimension : Min. 300mm Max.480mm



## **Pleated Sisal Buffs**

This Bias buff is supported with double layers cotton covers on sisal cloth. Pleate shape provides cooling & bias system increase life of buffs with various mill treatments. Can be supplied with cardboard center or metal center plates. Dimension : Min. 300mm Max.600mm



## **Mini Airway Sisal Buffs**

Made of bias forms of sisal and cotton fabrics. It has a very good performance in cutlery polishing. It is considerably elastic and ventilated shape provides cooling & bias system increase life of buffs with various mill treatments. Supplied with 19mm or 24mm hexagonal metal centers. Dimension : Min. 80mm Max.200mm



### **Mini Cord Sisal Buffs**

Made of special African sisal twines. They are indispensable polishing buffs of cutlery producers. They're used in automatic applications, but also they can be adapted to manual polishing. They can either be produced as natural or with dip treatment with round & flat shape

Dimension : Min. 70mm Max.200mm



### **Airway Cotton Buffs**

Universal Buffs for all industries both for manual & automatic applications. This Bias buff has ventilated (Airway) shapes provides cooling & bias system increase the life of these buffs with various mill & dip treatments. Supplied with cardboard center or metal center plates.

Dimension : Min. 200mm Max.600mm



### **Airway Dura Buffs**

Special Heavy Duty Buffs for metal industries both for manual & automatic applications. Dip treatment applied on premium quality Airway Cotton Buffs.

Dimension : Min. 200mm Max.600mm



### **Corrugated Cotton Buffs**

Very popular at stainless steel cookware industry. Mainly used at automatic polishing machines. Wavy shapes provides cooling & bias system increase the life of these buffs with various mill treatments. Supplied with cardboard center or metal center plates.

Dimension : Min. 300mm Max.480mm





### **Pleated Cotton Buffs**

Universal Buffs for all industries both for manual & automatic applications. This Bias buff has pleate shapes provides cooling & bias system increase the life of these buffs with various mill & dip treatments. Supplied with cardboard center or metal center plates.

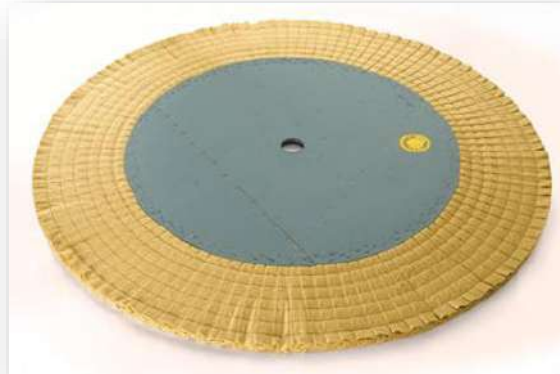
Dimension : Min. 200mm Max.700mm



### **Meter Pleated Cotton Buffs**

Mainly used for Robot Polishing but also used at manual applications. This Bias buff has pleate shapes provides cooling & bias system increase the life of these buffs with various mill & dip treatments with different. Supplied with cardboard center.

Dimension : Min. 900mm Max.1.000mm



### **Disc Cotton & Jeweler Buffs**

Universal Buff for all industries. Mainly used at manual polishing machines. Meter Buffs can be used at robot polishing machines. Stiffness could be adjusted by stitch distance and thickness. Life & stiffness of these buffs can be increased with various mill treatments.

Dimension : Min. 60mm Max.1.000mm



### **Mini Airway Cotton Buffs**

Special Cutlery Buffs for automatic applications. This Bias buff has ventilated (Airway) shapes provides cooling & bias system increase the life of these buffs with various mill & dip treatments with different stiffness. Supplied with 19mm or 24mm hexagonal metal centers.

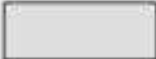
Dimension : Min. 60mm Max.200mm





## Polishing Buffs Diameter & RPM Chart

	Outer Diameter of the Buff (mm)								
RPM	100	150	200	250	300	350	400	450	500
800	4	6	8	10	13	15	17	19	21
1000	5	8	10	13	15	18	21	24	26
1200	6	10	12	16	19	22	25	28	31
1400	7	11	15	18	22	26	29	33	37
1600	8	13	17	21	25	29	33	37	42
1800	9	14	19	24	28	33	38	42	47
2000	10	16	21	26	31	36	42	47	52
2200	12	17	23	29	35	40	46	52	58
2400	13	19	25	31	38	44	50	57	63
2600	14	20	27	34	41	48	53	61	68
2800	15	22	29	37	44	51	58	66	74
3000	16	24	31	39	47	55	63	71	79

 Recommended buff speeds for polishing metals.

Experimental values for best performance has been tabulated as below :

- Grinding** : Approximately 30 m/sec.
- Satin finishing** : Approximately 15 m/sec.
- Polishing metals** : Approximately 35 m/sec.
- Polishing fittings** : Approximately 20 m/sec.
- Polishing plastics** : Approximately 15 m/sec.



## ABRASIVE PRODUCTS

### Abrasive Flap Discs

They are consisting of abrasive flaps glued radially to a backing plate. Produced at fully automated machine.

Zirconia is the most common mineral due to its cool cutting action. Alumium Oxide is for economic series. We supply both main types Conic or Flat.

Grits : 24-36-40-60-80-100-120

Dimension :100/115/125/150/180mm



### Ceramic Flap Discs

New Ceramic is awesome for extreme performance and much longer life.

We supply both main types Conic or Flat, according to customer requirements.

Grits : 24-36-40-60-80-100-120

Dimension :100/115/125/150/180mm



### Abrasive Flap Wheels

Made of aluminum and zirconium oxide abrasive leaves arranged around a core. Abrasive leaves are easily adapted to work piece due to their flexibility. Strong cloth backing avoids breaking and creates a safe working environment. They're perfect for stainless steel and metal industries.

Grits: 36 to 800.

Widths: 15 to 200mm

Diameters : 100 to 400mm





### **Mounted Flap Wheels**

Made of aluminum and zirconium oxide abrasive leaves arranged around a core, which joints a shank. Abrasive leaves are easily adapted to work piece due to their flexibility.

Grits: 36 to 800.

Widths: 10 to 50mm

Diameters : 20 to 80mm



### **Challenger Combi Flap Wheels**

Very popular at door handle industry. They're used for final polishing phase to have a quick and a perfect finished surface. They're made from aluminum oxide and silicon carbide minerals, they ensure users to obtain bright satin surfaces.



### **Challenger Flap Wheels:**

Made of aluminum oxide abrasive leaves arranged around a core. Abrasive leaves are easily adapted to work piece due to their flexibility. Strong cloth backing avoids breaking and creates a safe working environment. They're perfect for stainless steel and metal industries.



### **Endless Abrasive Belts & Rolls**

Premium quality coated abraive products supplied by leading Korean DEERFOS and Japanese producers. Other big advantage is our full-automated slitting & joint facility.

Grits : 24 to 800

Widths : 10 to 400mm

Lenghts : 250 to 14.000mm



### **Velcro Film & Paper Discs**

Premium quality film & paper products supplied by leading Korean DEERFOS and Japanese producers. Other big advantage is our integrated lamination & full-automated disc cutting facility.

Grits : 36 to 2000

Dimension : 76/115/125/150/229mm



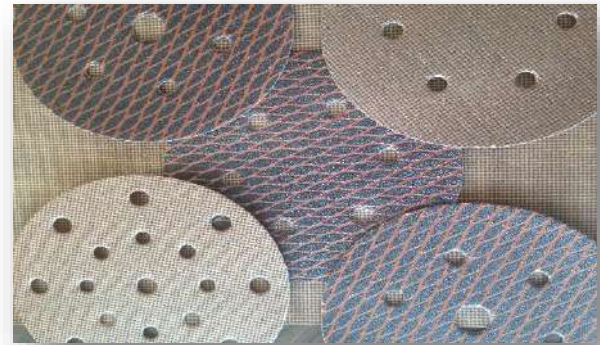
### **Maxcut & Diamond Paper Discs**

These innovative products are awesome for extreme performance and much longer life.

High performance and faster grinding for coarse grinding steps.

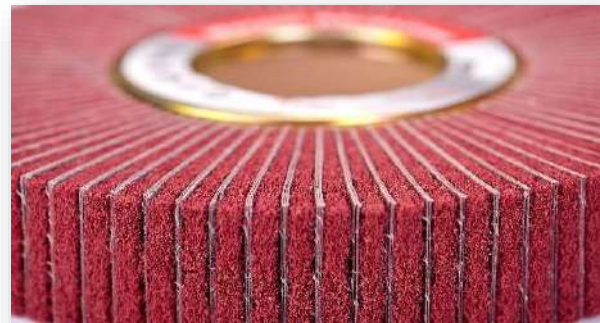
Grits : 60-80-100-120-150-180

Dimension : 76/115/125/150/229mm



### **Combi(Interleaved) Flap Wheels**

Very popular at door handle industry. They're used for final polishing phase to have a quick and a perfect finished surface. They're made from aluminum oxide and silicon carbide minerals, they ensure users to obtain bright satin surfaces.



### **Non-woven Flap Wheels**

Very popular at door handle industry. They're used for final polishing phase to have a quick and a perfect finished surface. They're made from aluminum oxide and silicon carbide minerals, they ensure users to obtain bright satin surfaces.





### **Pressed Non-woven Wheels**

Very popular at door handle industry. Used for final polishing phase to have a quick and a perfect finished surface. Three main densities available such as 5P, 7P & 9P. They're made from aluminum oxide and silicon carbide minerals, they ensure users to obtain bright satin surfaces. Widths: 25/50/100mm  
Diameters : 200/250/300/350/400mm



### **Non-woven Buffs**

Very popular at door handle & aluminium industries. They have non-woven abrasive leaves with various type of grits such as Coarse, Medium, Fine and very fine. Used for satin finishing on various metals. Supplied with metal center plates and cardboard centers.  
Dimension : Min. 150mm Max.600mm



### **Non-woven Rolls & Plates**

They're made from aluminum oxide and silicon carbide minerals, they ensure users to obtain bright satin surfaces. Supplied with various type of grits such as Coarse, Medium, Fine, Very fine and Ultra fine. Used for satin finishing on various metals by manual applications.



### **Surface Belts & Rolls**

Surface Conditioning Material (SC) has been designed to offer the highest quality in terms of life, cutting ratio and finishing. Strong backing increases the life and suitable for heavy duty satin finishing applications.

Dimension of Rolls: 1.720 x 255mm  
Grits : SCHD, SCLS, SCXF, SCD





## CAR POLISHES & RETAIL PRODUCTS

### KARROS Car Polishes

High Performance Polishing Compounds for Body Shop, Detailing, Painted Wood.

K20, K30 and K40 for removing scratches and gloss. P50 is for super finishing.

Available in 250gr & 1000gr bottles



### Tube Cream Compounds

It provides an eye - catching brightness when it is applied manually with a damp piece of soft cotton fabric on gold, silver, ornamental articles as well as all metal and non - metal products. It is a highly preferred product for hobby kits.

Packing : 50-100-200grams tubes



### Airway Cotton Buffs

Universal Buffs for all applications. This Bias buff has ventilat shapes provides cooling & bias system increase the life of these buffs with various mill treatments with different stiffness. Supplied with cardboard center or metal center plates. Dimension : Min. 203mm Max.355mm



### Solid Polishing Compounds:

For polishing all kind of materials and applications. Marpol uses the highest quality of abrasives such as aluminium oxide, corundum, tripoli. Our solid polishing compounds are suitable for polishing of all surfaces.

