



## ABRASIVE TOOLS

### Lipprite® -EK, Lipprite® -EKK ventilated abrasive mesh discs

Ventilated abrasive mesh discs with a metal staple in the centre ensure optimum material capacity and stability without high capacity and stability of the material without high densities. They represent an evolution and a valid alternative to the traditional flap disc for all manual and automatic polishing operations.

Also available for robotic polishing machines (diam. 600) or in roll, or impregnated for laminating and winding applications.

Measures	Material
Outer diameter from 80 to 600mm	PH 90, PH 210
Hole diameter from 20 to 230mm circular - from 19 to 32mm hexagonal	
Aluminium oxide or silicon carbide abrasive mesh, available in coarse to very fine grains	



See the update of the Abrasive tools



### Corrugated abrasive mesh discs Lipprite -WR -ER, Lipprite® -WR - EK

Corrugated abrasive mesh discs with cardboard or metal clamp in the centre guarantee a higher cutting power and uniformity of the finish due to their compact construction. They represent a valid solution for both manual and automatic satin finishing. Available for robotic polishing machines (diam. 600) and/or impregnation.

Measures	Material
Outer diameter from 300 to 600mm	PH 90, PH 210
Hole diameter from 20 to 230mm circular - from 19 to 32mm hexagonal	
Aluminium oxide or silicon carbide abrasive mesh, available in coarse to very fine grains	



Last update: 12 March 2021

\*These documents are the exclusive property of Cepillos Sacema, S.L. Their total or partial reproduction without our written authorisation is forbidden, as well as their improper use and/or exhibition to third parties.



# ABRASIVE TOOLS

## Wheels and rollers with abrasive mesh sheets - Lipprite®

Made of abrasive mesh sheets, arranged radially around a core. They are universally used for satin finishing work, or where a low cutting capacity is required, on metal or wood articles. Also used for scotch-brite finishing operations on veneers and laminates. Outstanding performance in printed circuit board preparation and finishing operations.

Available in a wide range of abrasive mesh, grit, hardness and density.

Measures	Material
Outer diameter from 80 to 600mm	PH 90, PH 210
Hole diameter from 20 to 230mm circular - from 19 to 32mm hexagonal	
Width: wheels from 5 to 100mm - cylinders from 110 to 2200mm	
Density: 103, 105, 107 (standard), 109, 110	
Aluminium oxide or silicon carbide abrasive mesh, available in coarse to very fine grains	



## Abrasive mesh fans with spike

Made of abrasive mesh sheets, arranged radially around a core. They are universally used for satin finishing work, or where a low cutting capacity is required, on metal or wood items. Designed for use on portable machines, robots or machine tools. Their construction allows the desired finish to be achieved on irregular surfaces and hard-to-reach areas.

Measures
3, 6 and 8mm diameter spikes
Outer diameter from 40 to 100mm
Width from 20 to 50mm
Coarse (80), medium (150), and fine (240) grains





## ABRASIVE TOOLS

### Discs, sheets, and rolls of abrasive mesh

Depending on the order, it is possible to supply abrasive mesh for a wide variety of uses and applications, from flap discs, to customised layers for manual use, or cut-to-size rolls.



### Wheels and rollers made of sandpaper sheets and abrasive mesh

They consist of sheets of abrasive mesh interleaved with sandpaper sheets arranged radially around a centre. They are used for low-cutting work on metal, bronze (artistic castings) and metal alloys. Available in 60, 80, 100, 120, 150, 150, 180, 240, 320, 400 grit combined with abrasive mesh. They are available in the same sizes as Lipprite® wheels and rollers.



### Mixed sandpaper and abrasive mesh fans with spikes

Made of sheets of abrasive mesh and sandpaper, arranged radially around a core. They are universal use for satin finishing work, or where low cutting capacity is required, on metal or wood articles. metal or wood. Designed for use on portable machines, robots or machine-tool. Their construction allows the desired finish to be achieved on irregular surfaces and hard-to-reach areas.

Measures
3, 6 and 8mm diameter spikes
Outer diameter from 40 to 100mm
Width from 20 to 50mm
Coarse (80), medium (150), and fine (240) grains





## ABRASIVE TOOLS

### Sandpaper wheels (mille-feuille) - SLK sectioned and/or -SLK self- ventilated

The mille-feuille sanding wheels are suitable for sanding and/or grinding work on complex shaped surfaces, allowing the desired finish to be achieved from the roughest to the finest.

Measures	Material
Outer diameter from 100 to 600mm - hole diameter from 24 to 250mm	Aluminium Oxide, Silicon Carbide, and Zirconium Oxide
Width: 25, 30, 40, 50, 50, 75, 100 - others available on request	
Available grains: 36, 40, 60, 80, 80, 100, 120, 150, 150, 180, 220, 240, 280, 320, 400	



### Sandpaper fans (mille-feuille) with spikes

Designed for use on portable machines, robots, or machine tools. Their great flexibility and concentricity allow them to work at high revolutions on irregular surfaces and hard-to-reach areas.

Measures	Material
3, 6, and 8mm diameter spikes	Aluminium Oxide, Silicon Carbide, and Zirconium Oxide
Outer diameter from 10 to 100mm	
Width from 5 to 50mm	
Available grains: 36, 40, 50, 60, 80, 100, 120, 150, 180, 240, y 320	





# ABRASIVE TOOLS

## Abrasive mesh wheels and rollers - Lipprox® - Lipprox®

Made of abrasive mesh impregnated with a synthetic resin and compacted around a core. They are universally applicable and are used for all deburring, satin finishing, light roughing and fine finishing work on metal, synthetic, wood, glass, etc. surfaces.

Their construction allows the profile to be adjusted to the geometry of the workpiece to be processed. Particularly suitable for printed circuit board manufacturing processes. Available in a wide range of abrasive mesh, grit, hardness and density. They can be supplied with dynamic balancing according to DIN ISO 1940-I, G40.

Measures
Outer diameter: 100, 110, 125, 150, 200, 250, 300, 350, 400, 450, and 500mm.
Hole diameter 25, 35, 50, 54, 76'2(3"), 90, 100, 127(5"), 140, 150, 200, 240, 250, 10", 12".
Width: from 10mm to 770mm.
Aluminium oxide or silicon carbide abrasive mesh, available in coarse to very fine grits.
Hardness: H5, H6, H7, H8.
Typology: <ul style="list-style-type: none"><li>• Type 'C1' - Soft, slightly porous.</li><li>• Type 'C2' - Medium hardness.</li><li>• Type 'C3' - Hard.</li><li>• Type 'C5' - Very hard, high density.</li><li>• Type 'W1' - Low density, medium hardness.</li><li>• Type 'W3' - Low dense, very hard.</li></ul>



## Cylindrical brushes

Cylindrical brushes can be supplied in multiple configurations (loose or internally welded spirals, or tube-mounted, also tufted on a body or pressed sections in a tube) according to the type of application. Applications range from the printed circuit board industry to the woodworking industry, and from cleaning, deburring to final polishing or satin finishing. Available in a very wide range of filaments: wire, synthetic (with or without abrasive charge), natural (vegetable fibre or animal hair).

