





CUSTOM SOLUTIONS FOR SURFACE TREATMENT.



Since 2000, Polibras-Abrasivos e Polimento S.A. is focused in the manufacturing and distribution of abrasives and polishing material for the mechanical surface treatment.

With its wide range of products, technical know-how based on many years of experience, Polibras has become a global market leader in the "Abrasive and Polishing" industry.

Ensuring customer satisfaction is the top priority, which is achieved by reliability and a continuous development of innovative and high quality products, while maintaining flexibility and competitiveness.

Steady and continuous investments enable new and modern manufacturing processes and development of international markets that continuously increase product diversity and competitive power.

Since 2009, Polibras - Abrasivos e Polimento S.A. is yearly awarded with the title of "PME Líder", and since 2011 with the title of "PME Excelência". These are assigned by IAPMEI - an Agency from the Portuguese Ministry of Economy- to companies with the best business performance of the country.

Innovation, Service and Reliability are our keys to success!

POLISHING MATERIAL



WAVED BUFFS

WT-GM: Cotton buffs with metal clamp
WST-GM: Sisal/cotton buffs with metal clamp
WS-GM: Sisal buffs with metal clamp

Diameter: 300 mm - 500 mm
Metal Clamp: 80 mm - 180 mm



VENTILATED BUFFS

VT-GM: Cotton buffs with metal clamp
VT-AM: Cotton buffs with inner metal ring
VT-CP: Cotton buffs with plastic core
VT-CM: Cotton buffs with metal centre
VST-GM: Sisal/cotton buffs with metal clamp
VST-AM: Sisal/cotton buffs with inside metal ring
VST-CM: Sisal/cotton buffs with metal centre
VS-GM: Sisal buffs with metal clamp

Diameter: 80 mm - 620 mm
Metal Clamp: 55 mm - 230 mm
Metal Ring: Combined w/ cardboard centre, enables different bore sizes and shapes.
Plastic Core: 8 mm - 24/6 mm
Metal Centre: 19/6 mm - 32/6 mm



STANDARD POLISHING DISCS

FTC: Stitched cotton mops
FSTC: Stitched sisal/cotton mops
FSC: Stitched sisal mops

Diameter: 80 mm - 600 mm
Width: 5 mm - 30 mm



SISAL CORD BRUSHES AND BUFFS

SICO-CP: Sisal cord brushes with plastic core
SICO-TM: Sisal cord rollers on metal tube
SICO-AM: Sisal cord buffs with inner metal ring
SICO-GM: Sisal cord buffs with metal clamp
SICO-CM: Sisal cord buffs with metal centre

Diameter: 70 mm - 600 mm
Metal Clamp: 55 mm - 230 mm
Plastic Core: 8 mm - 24/6 mm
Metal Centre: 19/6 mm - 32/6 mm
Metal Ring: Combined w/ cardboard centre, enables different bore sizes and shapes



COMPACT BIAS BUFFS

CS-AM: Sisal buffs with inner metal ring
CS-GM: Sisal buffs with metal clamp
CST-AM: Sisal/cotton buffs with inner metal ring
CST-GM: Sisal/cotton buffs with metal clamp

Diameter: 150 mm - 600 mm
Metal Clamp: 55 mm - 230 mm
Metal Ring: Combined w/ cardboard centre, enables different bore sizes and shapes

POLISHING MATERIAL

M-PLEATED BUFFS

MT-GM: Cotton buffs with metal clamp
MST-GM: Sisal/cotton buffs with metal clamp

Diameter: 150 mm - 600 mm
Metal Clamp: 80 mm - 230 mm



L-PLEATED BUFFS

PT-N or PT-S: Cotton buffs with cardboard centre
PT-GM: Cotton buffs with metal clamp
PST-N: Sisal/cotton buffs with cardboard centre

Diameter: 150 mm - 600 mm
Metal Clamp: 80 mm - 230 mm



V-PLEATED BUFFS

V-buffs in cotton
V-buffs in nonwoven abrasives

Diameter: 300 mm - 800 mm
Cardboard Centre: Allows different bore sizes and shapes



MAXI DISCS

MFT: Stitched cotton mops
MFST: Stitched sisal/cotton mops
MFS: Stitched sisal mops

MPTM: Cotton M-buffs
MPT: Cotton L-buffs
MPST: Sisal /cotton L-buffs

Maxi-SICO: Sisal cord buffs

Maxi-V: V-buffs in nonwoven abrasives
Maxi-V Mix: V-buffs in nonwoven abrasives and coated abrasives

Maxi-Flap MA: Flap brushes in nonwoven abrasives
Maxi-Flap Mix: Flap brushes in nonwoven/coated abrasives

Diameter: 800 mm - 1050 mm
Cardboard Centre: Allows different bore sizes and shapes

ABRASIVES

VENTILATED NONWOVEN ABRASIVE BUFFS

VMA-GM: Buffs with metal clamp
VMA-CM: Buffs with metal centre

Diameter: 100 mm - 600 mm
Metal Clamp: 55 mm - 230 mm
Metal Centre: 19/6 mm - 32/6 mm
Impregnation: Possible



WAVED NONWOVEN ABRASIVE BUFFS

WMA-GM: Buffs with metal clamp
WMA-CC: Buffs with cardboard centre
WMA-HP: Brush on HP-tube

Diameter: 200 mm - 500 mm
Metal Clamp: 80 mm - 180 mm
HP-tube: Ø on customer request
Cardboard Centre: Allows different bore sizes and shapes
Impregnation: Possible



V-PLEATED ABRASIVE BUFFS

Diameter: 125 mm - 450 mm

Cardboard Centre: Allows different bore sizes and shapes
Coated Abrasives: J- and X-Weight



COATED ABRASIVE FLAP WHEELS

CL Type:
Diameter: 170 mm - 450 mm
Width: 25 mm - 100 mm

CC Type:
Diameter: 100 mm - 350 mm
Width: 25 mm - 75 mm

Coated Abrasives: J- and X-Weight, can be slitted
Profile and Bore: On customer request

SANDING STARS

VLX-GM: Slitted coated abrasive buffs with metal clamp
VLX-CM: Slitted coated abrasive buffs with metal centre

Diameter: 200 mm - 600 mm
Metal Clamp: 60 mm - 230 mm
Metal Centre: 19/6 mm - 32/6 mm
Impregnation: Possible

ELX-CM: Sanding stars with metal centre
ELX-CC: Sanding stars with cardboard centre
Diameter: 100 mm - 250 mm
Coated Abrasives: J- and X-Weight



DISC BRUSHES

Materials: Abrasive filament, nonwoven abrasive, mixed nonwoven and coated abrasive.
Diameter: 75 mm - 180 mm
Configuration, density and grit: On customer request

ABRASIVES

MIXED NONWOVEN/COATED ABRASIVE FLAP BRUSHES

FLAP-MIX: Mixed nonwoven/coated abrasive flap brushes and rollers

Diameter: 70 mm - 450 mm

Width: 20 mm - 1650 mm

Bores 35 mm - 280 mm

Material combination: On customer request

Impregnation: Possible, up to width 1200 mm



CONVOLUTE WHEELS

CONVO CIW

Diameter: 90 mm - 300 mm

Width: 10 mm - 650 mm



NONWOVEN ABRASIVE FLAP BRUSHES AND ROLLERS

FLAP-MA: Nonwoven abrasive flap brushes and rollers

Diameter: 70 mm - 450 mm

Width: 10 mm - 1650 mm

Bore: 35 mm - 280 mm

Density: LD (low), MD (medium), HD (high), XD (extra)

Impregnation: Possible up to width 1200 mm



ROLLERS FOR PRINTED CIRCUIT BOARDS

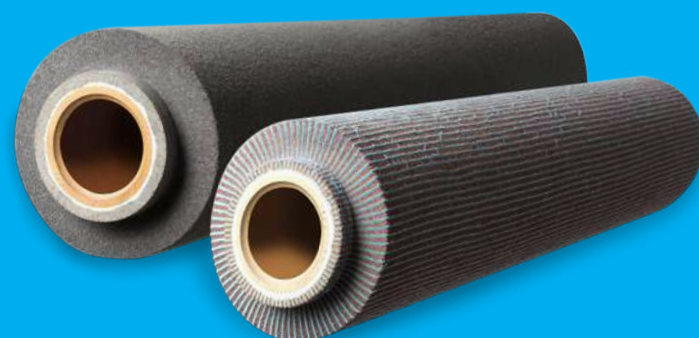
FLAP-CI: Nonwoven abrasive flap rollers

FLAP-MIX-CI: Mixed nonwoven/coated-abrasives flap rollers

Diameter: 90 mm - 200 mm

Width: Up to 1200 mm

Impregnation: Possible



NONWOVEN ABRASIVE DISCS, PADS AND ROLLS

FMAS: Nonwoven abrasive discs

FMAC: Nonwoven abrasive lap mops

HP-MA: Nonwoven abrasive hand pads

Clean&strip discs

Floorpads

Rolls

Dimensions: On customer request

ABRASIVES



GRINDING SLEEVES AND EXPANDER WHEELS FOR SATIN FINISHING MACHINES

Grinding Sleeves:
Different materials and grits available
Expander Wheels: Rubber or Vulkollan®

Dimensions: On customer request

SURFACE CONDITIONING BELTS AND ROLLS

Grit: From extra-coarse to superfine
Width: 6 mm - 600 mm
Length: From 260 mm



WIDE BELTS

Coated abrasive
Backing: Cloth or paper

Surface conditioning/nonwoven

Width: 600 mm - 1400 mm

COATED ABRASIVE BELTS AND ROLLS

Belts and Rolls: Different backings (cloth or paper) and abrasives
Width: 3 mm - 600 mm
Length: From 260 mm
Material and Grit: On customer request

Graphite Coated Canvas: Friction reducer, HD
Length: Up to 45 m



BRUSHES FOR SATIN-FINISHING MACHINES

FLAP-MA: Nonwoven abrasive flap brush
FLAP-MIX: Interleafed flap brush
FLAP-LIXA: Coated abrasive flap wheel
WMA: Waved nonwoven abrasive flap brush
VT-CP: Ventilated cotton-buff brush
SICO-CP: Sisal cord brush

Diameter: 100 mm - 115 mm
Width: 50 mm and 100 mm

SHAFT MOUNTED BRUSHES

FLAP-MA: Nonwoven abrasive flap brush
FLAP-MIX: Interleafed flap brush
FLAP-LIXA: Coated abrasive flap wheel
WMA-HP: Waved nonwoven abrasive brush
VT-CP: Ventilated cotton brush
SICO-CP: Sisal cord brush

Diameter: 50 mm - 100 mm
Width: 20 mm - 80 mm



ABRASIVES

HOOK & LOOP DISCS

Sanding Discs: Various backings (cloth or paper) and coated abrasives

Nonwoven abrasives and surface Conditioning discs: Different materials and grits

Diameter: 40 mm - 1200 mm



CUTTING AND GRINDING DISCS

For portable machines

Diameter: 115 mm - 230 mm

Shape: Flat or depressed



FLAP DISCS

Materials: Coated abrasives or surface conditioning

Various materials and grits available

Diameter: 100, 115, 125 and 180 mm

Backing: Nylon or fibre

Shape: Flat or conical



ABRASIVE FIBRE DISCS

Fibre discs of different abrasive materials

Diameter: 115 mm - 180 mm

Grit and Bore: On customer request

Shape: Flat or depressed



BACKING PADS

For hook & loop, fibre and surface conditioning discs.

Different characteristics available depending on the machine and disc.

Diameter: 50 mm - 180 mm

COMPLEMENTS

RUBBER-BONDED ABRASIVE WHEELS

Rubber-bonded abrasive wheels for the holloware industry
For metal and nonmetal finishing

Diameter, Grit and Shape:
On customer request



CONTACT WHEELS

Contact wheels For Belt grinders

Coating Materials: Vulkollan®, rubber, neoprene, polyurethane and cotton

Expander Wheels

Coating Materials: Rubber or Vulkollan®

Serration Types: Grooved, segmented, ventilated or plain faced

Hardness (Shores): Sh 15 - Sh 90

Dimension: On customer request



COMPOUND FEEDING SYSTEM

High pressure spray guns for liquid polishing compounds;
Bar feeders;
Piston Pumps.

Spare parts available.



SOLID POLISHING COMPOUNDS

Solid polishing compounds:

For polishing, satin-finishing and mirror-finishing.

Different types of compound depending on the application - pre-polishing, polishing, satin finishing or high gloss finish.



TAMPICO FIBRE/ABRASIVE STRIPS AND BRUSHES

Material and slit width:

On customer request

Grit: P60 - P400

Accessories: Hubs and discs for the sanding strips available

Horse Hair Strip Brushes



MATERIALS AND IMPREGNATIONS

COTTON CLOTH

TC	Carded cloth for mirror-finishing
C1A	Standard cloth for finishing
DQ	Standard cloth for polishing and finishing
DNV	Heavy cloth for polishing
DN3	Very heavy cloth for pre-polishing
HEV	Extra heavy cloth for pre-polishing
C1T	Impregnated standard cloth for pre-polishing
TR2	Impregnated ,semi-haevy cloth for pre-polishing
TR4	Impregnated ,extra-heavy cloth for pre-polishing
YEL	Yellow, impregnated ,extra-heavy cloth for pre-polishing

SISAL

SAM	Standard woven Sisal
D8C	Sisal Cord , 8-braided

IMPREGNATIONS

TPA	Smooth, for Sisal, Sisal-Cloth and Sisal-Cord
TPL	Standard, for Sisal, Sisal-Cloth and Sisal-Cord
TPY	Flexible, for Sisal-Cloth and Sisal-Cord
TPO	TPO Medium Hard, for Sisal-Cloth and Sisal-Cord
TDR	Hard, for Sisal-Cloth and Sisal
TDG	Extra Hard, for Sisal-Cloth and Sisal
TDS	Ultra Hard, for Sisal-Cloth and Sisal
B01	Universal for Cloth. Good Adhesion of Polishing Compounds
B02	Flexible, for Sisal-Cloth. Very Good Adhesion of Polishing Compounds
PBS	Medium Hard , only for Nonwoven Abrasives

NONWOVEN ABRASIVES

A011	Aluminium Oxyde	Extra-Coarse (A60)
A021		Coarse (A80)
A041		Medium (A100)
A061		Fine (A180)
A071		Very Fine (A280)
SC41	Silicon Carbide	Medium (S100)
SC61		Fine (S180)
SC71		Very Fine (S280)
SC81		Super Fine (S400)
SC91		Ultra Fine (S600)
SC121		Ultra Fine (S1200)
SC151		Ultra Fine (S1500)
WP50		White Polish (Non-abrasive)
GP80		General Purpose (green)

SURFACE CONDITIONING

A - CSE	Aluminium Oxyde	Extra Coarse (A80)
A-CRS		Coarse (A80)
A-MED		Medium (A100)
A-VFN		Veryfine (A280)
S-SFN	Silicon Carbide	Superfine(S400)
Tipo T	Non-Abrasive	High-Finishing

Other materials and impregnations on request.

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