

Abrasive papers SiC STANDARD

Available from P80 to P4000 from \varnothing 200 to 400 mm.

The LAM PLAN® abrasive papers respond to very strict quality standards. The calibration of the silicon carbide grains is guaranteed for the European standards FEPA regardless of their size (P80 to P4000).

The resistance of the resins used to maintain the abrasive grains gives to the LAM PLAN® abrasive papers a high resistance to heat and moisture. The orientation of the grains is obtained by an electrostatic process. The choice of the support paper (thickness and basis weight) is adapted to the grain's thickness in order to reduce the wear of the abrasive papers. The paper is made impermeable in its mass and on the surface.



\varnothing 200 mm

\varnothing 230 mm

100 pieces box

Grains FEPA	Self-adhesive		Non-adhesive	
	Ref.	Ref.	Ref.	Ref.
P80	05 60080 20	05 50080 20	05 60080 30	05 50080 30
P120	05 60120 20	05 50120 20	05 60120 30	05 50120 30
P180	05 60180 20	05 50180 20	05 60180 30	05 50180 30
P240	05 60240 20	05 50240 20	05 60240 30	05 50240 30
P320	05 60320 20	05 50320 20	05 60320 30	05 50320 30
P400	05 60400 20	05 50400 20	05 60400 30	05 50400 30
P600	05 60600 20	05 50600 20	05 60600 30	05 50600 30
P800	05 60800 20	05 50800 20	05 60800 30	05 50800 30
P1000	05 61000 20	05 51000 20	05 61000 30	05 51000 30
P1200	05 61200 20	05 51200 20	05 61200 30	05 51200 30
P2400	05 62400 20	05 52400 20	05 62400 30	05 52400 30
P4000	05 64000 20	05 54000 20	05 64000 30	05 54000 30



\varnothing 250 mm

\varnothing 300 mm

100 pieces box

Grains FEPA	Self-adhesive		Non-adhesive	
	Ref.	Ref.	Ref.	Ref.
P80	05 60080 40	05 50080 40	05 60080 50	05 50080 50
P120	05 60120 40	05 50120 40	05 60120 50	05 50120 50
P180	05 60180 40	05 50180 40	05 60180 50	05 50180 50
P240	05 60240 40	05 50240 40	05 60240 50	05 50240 50
P320	05 60320 40	05 50320 40	05 60320 50	05 50320 50
P400	05 60400 40	05 50400 40	05 60400 50	05 50400 50
P600	05 60600 40	05 50600 40	05 60600 50	05 50600 50
P800	05 60800 40	05 50800 40	05 60800 50	05 50800 50
P1000	05 61000 40	05 51000 40	05 61000 50	05 51000 50
P1200	05 61200 40	05 51200 40	05 61200 50	05 51200 50
P2400	05 62400 40	05 52400 40	05 62400 50	05 52400 50
P4000	05 64000 40	05 54000 40	05 64000 50	05 54000 50

GRINDING AND PREPOLISHING DISCS

Ø 305 mm

Ø 400 mm

100 pieces box

Grains FEPA	Self-adhesive		Non-adhesive	
	Ref.	Ref.	Ref.	Ref.
P80	05 60080 70	05 50080 70	05 60080 80	05 50080 80
P120	05 60120 70	05 50120 70	05 60120 80	05 50120 80
P180	05 60180 70	05 50180 70	05 60180 80	05 50180 80
P240	05 60240 70	05 50240 70	05 60240 80	05 50240 80
P320	05 60320 70	05 50320 70	05 60320 80	05 50320 80
P400	05 60400 70	05 50400 70	05 60400 80	05 50400 80
P600	05 60600 70	05 50600 70	05 60600 80	05 50600 80
P800	05 60800 70	05 50800 70	05 60800 80	05 50800 80
P1000	05 61000 70	05 51000 70	05 61000 80	05 51000 80
P1200	05 61200 70	05 51200 70	05 61200 80	05 51200 80
P2400	-	05 52400 70		
P4000	-	05 54000 70		



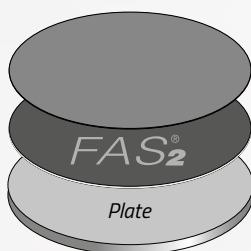
Grain sizes													
FEPA standard	80	120	180	240	320	400	600	800	1000	1200	2400	4000	
Grains Ø (microns)	201	125	82	59	46	35	26	22	18	15	10	5	

GUIDANCE

The patented FAS² system is the indispensable accessory when using self-adhesive discs. The FAS² is a support disc which allows easy positioning and unsticking of self-adhesive abrasive papers on all machines.

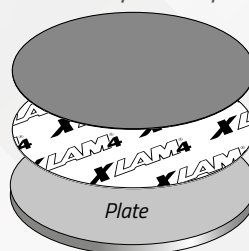
See all our fastening systems pages FIXING ACCESSORIES

Abrasive paper
SELF-ADHESIVE



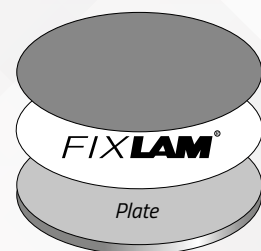
FAS² non-stick backing for paper and self-adhesive discs

Abrasive paper
SELF-ADHESIVE
used with its protective film



XLAM⁴ adhesive backing for paper and discs non-adhesive

Abrasive paper
NON-ADHESIVE



FIXLAM[®] adhesive backing for paper and discs non-adhesive



Abrasive papers SiC EXCELLENCE

Available from P80 to P1200 from Ø 200 to 300 mm

The standard checks of abrasive papers generally manufactured in large quantities are sometimes insufficient to avoid that complete series of discs are outside the standard required by our Metallography laboratory.

LAM PLAN creates the Excellence Range and its double guarantee, every single paper is individually checked before packing.

Ø 200 mm

Self-adhesive			Non-adhesive	
Grains FEPA	Ref.	Ref.	Ref.	Ref.
P80	05 10080 20	05 00080 20	05 10080 30	05 00080 30
P120	05 10120 20	05 00120 20	05 10120 30	05 00120 30
P180	05 10180 20	05 00180 20	05 10180 30	05 00180 30
P240	05 10240 20	05 00240 20	05 10240 30	05 00240 30
P320	05 10320 20	05 00320 20	05 10320 30	05 00320 30
P400	05 10400 20	05 00400 20	05 10400 30	05 00400 30
P600	05 10600 20	05 00600 20	05 10600 30	05 00600 30
P1200	05 11200 20	05 01200 20	05 11200 30	05 01200 30

Ø 230 mm

50 pieces box

Ø 250 mm

Self-adhesive			Non-adhesive	
Grains FEPA	Ref.	Ref.	Ref.	Ref.
P80	05 10080 40	05 00080 40	05 10080 50	05 00080 50
P120	05 10120 40	05 00120 40	05 10120 50	05 00120 50
P180	05 10180 40	05 00180 40	05 10180 50	05 00180 50
P240	05 10240 40	05 00240 40	05 10240 50	05 00240 50
P320	05 10320 40	05 00320 40	05 10320 50	05 00320 50
P400	05 10400 40	05 00400 40	05 10400 50	05 00400 50
P600	05 10600 40	05 00600 40	05 10600 50	05 00600 50
P1200	05 11200 40	05 01200 40	05 11200 50	05 01200 50

Ø 300 mm

50 pieces box

Grinding wheels

LAM PLAN grinding wheels are used to dress samples in high speed automatic prepolishing machines. Two types available: Al_2O_3 grain 60 and SiC grain 150.



Al_2O_3 - GRAIN 60

Application	Lubricant	Ø in mm	Ref.
For grinding of soft, ductile materials <HV200	Water	355	05 M0060 80

SIC - GRAIN 150

Application	Lubricant	Ø in mm	Ref.
For grinding of all materials >HV200	Water	355	05 M0150 80