Sandpaper Grit Chart

Sandpaper grit chart, P24 to P4000

Two grading systems are in use. FEPA "P" grades are the European standard and are the ones that line up with a measured particle size. CAMI is the older US coated-abrasive scale. They match closely up to about 220. Above that the systems drift apart and sources disagree, so a dash means we found no agreement and a tilde means the match is approximate.

FEPA P grade	CAMI (US) grit	Average particle size (microns)	Coarseness	Typical use
P24	24	764	Extra coarse	Heavy stock removal, paint and rust stripping, rough floor sanding
P30	30	642	Extra coarse	Heavy stock removal, paint and rust stripping, rough floor sanding
P36	36	538	Extra coarse	Heavy stock removal, paint and rust stripping, rough floor sanding
P40	40	425	Coarse	Fast shaping of wood, removing thick finish, rough metal
P50	50	336	Coarse	Fast shaping of wood, removing thick finish, rough metal
P60	60	269	Coarse	Fast shaping of wood, removing thick finish, rough metal
P320	≈ 280	46.2	Very fine	Sanding between coats of finish, light metal prep
P360	—	40.5	Very fine	Sanding between coats of finish, light metal prep
P400	≈ 320	35	Very fine	Sanding between coats of finish, light metal prep
P500	≈ 360	30.2	Extra fine	Wet sanding paint and clear coat, polishing metal and plastic
P600	≈ 400	25.8	Extra fine	Wet sanding paint and clear coat, polishing metal and plastic
P800	≈ 400	21.8	Extra fine	Wet sanding paint and clear coat, polishing metal and plastic
P1000	≈ 500	18.3	Extra fine	Wet sanding paint and clear coat, polishing metal and plastic

FEPA P grade	CAMI (US) grit	Average particle size (microns)	Coarseness	Typical use
P80	80	201	Medium	General smoothing of bare wood, drywall joint compound, removing mill marks
P100	100	162	Medium	General smoothing of bare wood, drywall joint compound, removing mill marks
P120	120	125	Medium	General smoothing of bare wood, drywall joint compound, removing mill marks
P150	150	100	Fine	Final sanding of bare wood before stain or paint, scuffing old finish
P180	180	82	Fine	Final sanding of bare wood before stain or paint, scuffing old finish
P220	220	68	Fine	Final sanding of bare wood before stain or paint, scuffing old finish
P240	—	58.5	Very fine	Sanding between coats of finish, light metal prep
P280	≈ 240	52.2	Very fine	Sanding between coats of finish, light metal prep
P1200	≈ 600	15.3	Extra fine	Wet sanding paint and clear coat, polishing metal and plastic
P1500	≈ 800	12.6	Ultra fine	Final polishing and compounding
P2000	—	10.3	Ultra fine	Final polishing and compounding
P2500	≈ 1200	8.4	Ultra fine	Final polishing and compounding
P3000	—	≈ 7	Ultra fine	Final polishing and compounding
P4000	—	≈ 5	Ultra fine	Final polishing and compounding

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