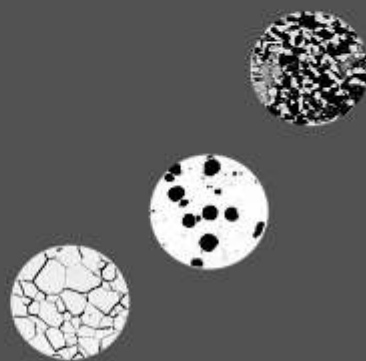


Consumables

Chennai Metco



2010-11

**Finest products for
Micro Structure Analysis**



www.chennai-metco.com

Chennai Metco

provides

Entire range of consumables

including

imported specialities

Sectioning Consumables

Abrasive Cut off Wheels

Resin Bonded Abrasive Wheels



Abrasive cut off wheels are made of aluminium oxide or silicon carbide particles in a Suitable binder.

These wheels are specially formulated to give ideal cut surface finish for metallographic Preparations.

Code No	Abrasive Cut off wheels (Size)	Qty (Nos)	Price Rs
CW001R	200 x 31.75 x 1mm - Regular	10	750
CW01S-1	200X31.75X1mm for Hard Steel	10	900
CW01R-1.5	200 x 31.75 x 1.5 mm - Regular	10	850
CW001S	200 x 31.75 x 1.5mm for Hard steel	10	1300
CW002	250 x 31.75 x 1.5mm - Regular	10	1000
CW005	250 x 31.75 x 1.5mm for Hard Steel	10	1350
CW003	300 x 31.75 x 2.0mm - Regular	10	1450
CW006	300 x 31.75 x 2.0mm for Hard Steel	10	2250

If your spindle dia is 25.4 mm you can use our 1" nylon spacer



Code No	Abrasive Cut off wheels (Size)	Qty (Nos)	Price Rs
CW003PR	300 x 31.75 x 1.5mm Partially Reinforced	10	2600
CWN012	300X 25.4X2.5mm Norton Wheel	10	3500
CW004	350 x 31.75 x 2.5mm - Regular	10	1750
CW007	350 x 31.75 x 2.0mm for Hard steel	10	2750
CWN014	350 x 25.4 x 3mm Norton Wheel	10	3750
CWA008	350 x 31.75 x 3 mm for Aluminium	10	1850
CW009PR	400 x 31.75 x 3.2mm Partially Reinforced	10	3750
CW009FR	400 x 31.75 x3.2mm Fully Reinforced	10	7500
CW013P	500 x 31.75 x 3.2mm Partially Reinforced	10	4000
CW013S	500 x 31.75 x 3.2mm P.R.C for Hard Steel	10	6000
CW014	500 x 40x3.2mm Partially Reinforced	10	5500
CW015FR	500 x 31.75 x 3.2 fully Reinforced	10	8500

If your spindle dia is 25.4 mm you can use our 1" nylon spacer

Abrasive Cut off Wheels - Imported from USA

Code No	Abrasive Cutoff wheels (Size)	Qty (Nos)	Price Rs
CW-031	10" x 31.75 x 0.060" for Hard Ferrous Alloys, tool Steels	10	12480
CW-032	10" x 31.75 x 0.060" for Hard Ferrous Alloys, H.S.S	10	12480
CW-033	10" x 31.75 x 0.060" for Medium Hard Steels and Alloys	10	12480
CW-034	10" x 31.75 x 0.060" for Medium Soft Steels	10	12480
CW-037	10" x 31.75 x 0.060" for Medium Soft Steels, Thin Cut	10	12480
CW-036	10" x 31.75 x 0.060" for Al, Brass, Titanium, Zirconium	10	12480
647	6" x .040" x 5/8" for Titanium, other alloys	10	16320

Spacer

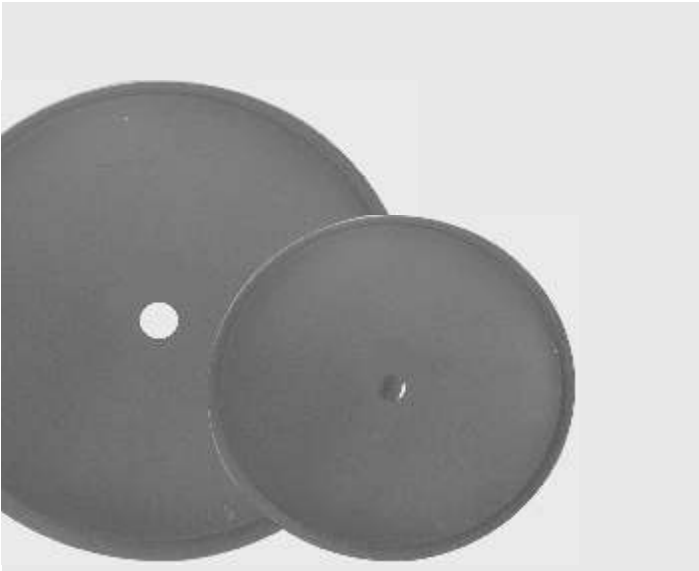


Spacer is to be fit in 1" Spindle for use wheel with 31.75 mm ID

Code No	Product Name	Qty (Nos)	Price Rs
CWS06	Spacer	10	200

If your spindle dia is 25.4 mm you can use our 1" nylon spacer

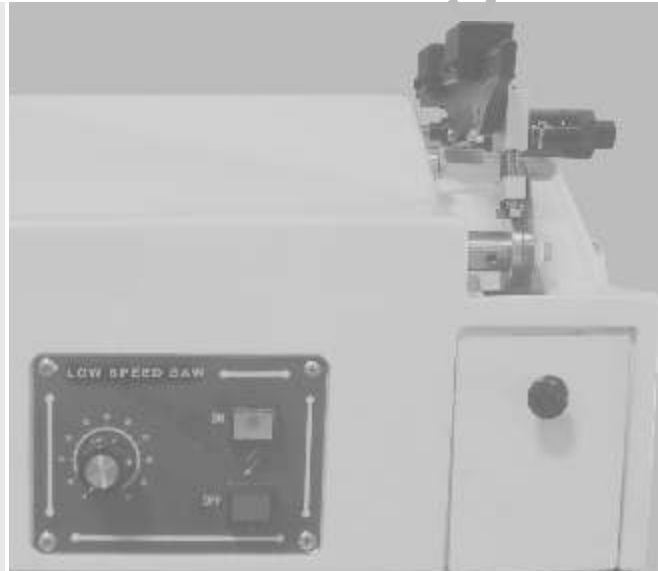
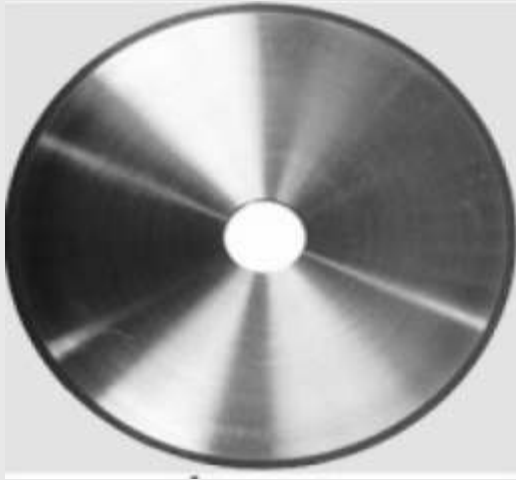
Diamond Wheels



Large Size Diamond Cutting Wheels

Code No	Diamond wheels (Size)	Qty (Nos)	Price Rs
CWD002	150 x 31.75 x 1mm	1	8000
CWD003	200X31.75X1.2 mm	1	10000
CWD004	250 x 31.75 x 1.4 mm	1	12000

Diamond Wafering Blades



Diamond cut off wheels are recommended for sectioning very hard , brittle Materials and thin sectioning. These wheels are specially formulated to give ideal cut surface finish for metallographic preparations. (Used in Precision Saws)

Diamond Wafering blades (Low Concentration) - Imported (USA)

Recommended for Ceramics, Carbides, Boron Composites, Glass, Refractory

Code No	Diamond Wafering Blades (Size)	Qty (Nos)	Price Rs
M306L	3" x .006" x 0.5"	1	15360
M412L	4" x .012" x 0.5"	1	17000
M515L	5" x .015" x 0.5"	1	20000

Diamond Wafering blades (High Concentration) - Imported (USA)

Recommended for Polymers, PC Boards, Titanium, Thermal Spray Coating

Code No	Diamond Wafering Blades (Size)	Qty (Nos)	Price Rs
M306H	3" x .006" x 0.5"	1	15360
M412H	4" x .012" x 0.5"	1	17000
M515H	5" x .015 x 0.5"	1	20000

Cont.. Diamond Wafering Blades

Diamond wheels CBN- Wafering Blades - Recommended for HSS, Titanium alloys and nickel based alloys - USA

Code No	Size & Description	Qty (Nos)	Price Rs
M306C	3" X .006 X 0.5" - Metal Bond	1	15360
M412C	4" X 0.012" X 0.5" - Metal Bond	1	16800
M515C	5" X 0.015 X 0.5" - Metal Bond	1	20000
M620C	6" X 0.020 X 0.5" - Metal Bond	1	25000
M725C	7" X 0.025 X 0.5" - Metal Bond	1	30000
M845C	8" X 0.045 X 1.25" - Resin Bond	1	35000
M1050C	10" X 0.050 X 1.25" - Resin Bond	1	40000
M1262C	12" X 0.062 X 1.25" - Resin Bond	1	45000
M1470C	14" X 0.070 X 1.25" - Resin Bond	1	50000

Low Cost Diamond Wafering blades

Code No	Diamond Wheel (Size)	Qty (Nos)	Price Rs
T4DW	4" x 0.012 " x.05"	1	3500

Dressing Sticks

Should be used on new and frequently used diamond wafering blads and grinding discs to maintained superior cutting performance

Code No	Product Name	Qty (Nos)	Price Rs
DS-10	Dressing Stick 4" X ½" Sqare	1	750

Abrasive Wafering Blades

Wheels for Precision Saw (imported from USA)

These wheels are especially formulated to provide for more aggressive and faster sectioning applications when our standard diamond wafering blades are not warranted for use

Code No	Diamond wheels (Size)	Qty (Nos)	Price Rs
4F12	4" x 0.012 " x ½ " for general ferrous cutting	1	1000
4NF12	4" x 0.012 " x ½ " for general non ferrous cutting	1	1000
5F20H	5" x 0.020 " x ½ " for general ferrous cutting	1	1300
5F20S	5" x 0.020 " x ½ " for soft medium hard ferrous cutting	1	1300

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Coolant Oil

Coolant Oil



Coolant oil is used in Cut Off machine

Coolant Oil is to be mixed with demin water in the ratio 1:30

Code No	Product Name	Qty	Weight Kg	Price Rs
CWCO07	Coolant Oil	1 Ltr	1.2	350

Isomet Oil is used in Precision Saws



Code No	Product Name	Qty	Weight Kg	Price Rs
DB101	Isomet Oil	1 Ltr	1.2	550

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MOULDING POWDERS

COMPRESSION MOULDING POWDERS



Phenolic Powder

This is the less time consuming material for molding. It is characterized with high shrinkage, low edge retention and low hardness
(Heating Temp - 160°C , Heating Time - 10 Min, Cooling Time - 5 Min)

Transparent Powder and Transparent Granules

It allows visibility of the sample inside the mould.
(Heating Temp - 180°C , Heating Time - 20 Min, Cooling Time - 15 Min)

Code No	Product Name	Qty(Container)	Weight Kg	Price Rs
MB101	Black Phenolic Powder	1	1	150
MB102	Red Phenolic Powder	1	1	220
MB103	Green Phenolic Powder	1	1	220
MT104	Transparent Powder	1	1	950
MTG105	Transparent Granules	1	1	220

Code No	Product Name	Qty(Container)	Weight Kg	Price Rs
MB001	Black Phenolic Powder	1	4	600
MB002	Red Phenolic Powder	1	4	880
MB003	Green Phenolic Powder	1	4	880
MB004	Transparent Powder	1	4	3800
MTG05	Transparent Granules	1	4	880

Conductive Powder

It is a graphite filled polymer with excellent conductive properties. It is to be used when the analysis demands the mold to be conductive.

Heating Temperature - 180°C to 200°C, Heating Time - 10 Min, Cooling Time - 5 Min

Code No	Product Name	Qty(Container)	Weight Kg	Price Rs
MB105	Conductive Powder	1	1	4500

Code No	Product Name (Germany)	Qty(Container)	Weight Kg	Price Rs
66003630	Technotherm 3000 - Heraeus Products	1	1	5500

Plastic Moulding Clips

It Holds tiny samples in place during moulding



Code No	Product Name	Qty (Nos)	Weight Kg	Price Rs
MCL001	Plastic Holding Clips - 1 Pack	100	.25	3200

Code Nos	Product Name (USA)	Qty (Nos)	Weight Kg	Price
M163	Metal Clips - 1 Pack	100	0.5	3500
M174	Black Plastic Clips - 1 Pack	100	0.5	4000

Imported from USA

COMPRESSION MOULDING POWDERS

Moulding Consumables are used for forming moulds. Moulds make it convenient to prepare the specimen. These Consumables are used in Moulding Machines

Code No	Product Name	Qty(Container)	Weight Kg	Price Rs
M126	Black Phenolic Powder	1	1	1050
M127	Red Phenolic Powder	1	1	1150
M128	Green Phenolic Powder	1	1	1150
M125	Transparent Powder	1	1	2400

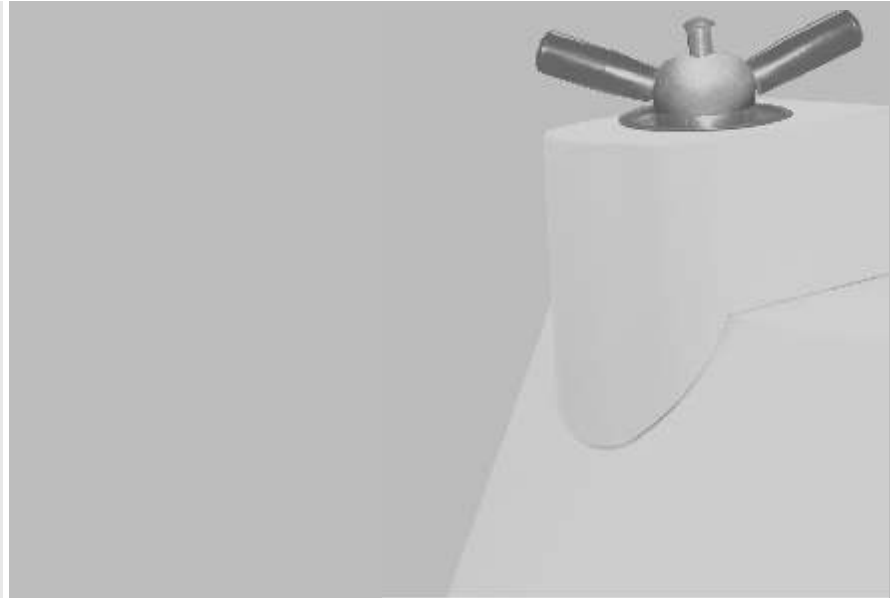
Used for a harder surface finish. Chemical Resistant

Code No	Product Name	Qty(Container)	Weight Kg	Price Rs
M131	Dially Phthalate (Glass Filled)	1	1	4250
M130	Dially Phthalate (Mineral Filled)	1	1	3700

Superior Edge Retention, tough grinding and excellent flow characteristic

Code No	Product Name	Qty(Container)	Weight Kg	Price Rs
M129C	Epoxy Powder (Course)/Glass Filled	1	1	3000
M129	Epoxy Powder (Fine)/Glass Filled	1	1	3500

MOULD RELEASE SPRAY

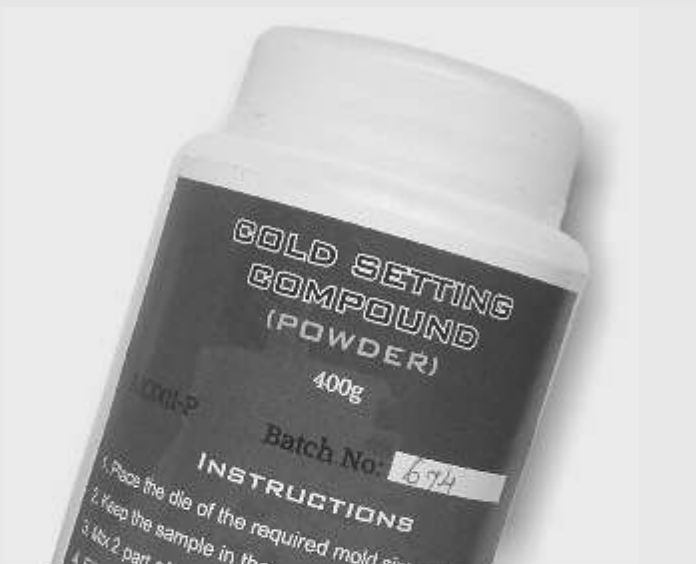


Mould release spray is used to avoid the sticking of the mould in the machine during mounting.



Code No	Product Name	Qty	Price Rs
MS001	Mould Release Spray	200 ml	325

COLD SETTING SYSTEMS



Rapid Cold Moulding System

It is a fast cure two component acrylic System

Mold is set within 7 to 10 min. at room temperature {Mix. 1 (Liquid) : 2 (Powder) Ratio. }

It exhibits relatively low shrinkage and good flow characteristics.

Code No	Product Name	Qty	Weight Kg	Price Rs
MC001	Cold Mounting Compound (1 Set)	400gm/400ml	1	700

Code No	Product Name - USA	Qty	Weight Kg	Price Rs
M140	Fast Cure Acrylic Cold Mounting kit (Free Waxed Cups and Sticks) USA	500gm / 500ml	1.2	6000

Heraeus Products Cold Moulding Systems

Gapless cold embedding resin,
Transparency,

Time efficiency,

Easy Application

Highest possible degree of impression
precision and form stability



Code No	Product Name (Germany)	Qty	Price Rs	Application
TECH001	Technovit EPOX, Resin (Also Choose A or B)	1000 ml	6104	To get transparent mould
TECH002	Technovit EPOX, Hardener regular (A)	1000 ml	6608	To get transparent mould
TECH003	Technovit EPOX, Hardener fast (B)	1000 ml	6608	To get transparent mould
TECH004	Technovit 4002, Liquid	1000 ml	5936	To get perfect edge retention mould
	Technovit 4002, Powder graphite	1000 gm	5502	
TECH005	Technovit 4071, Liquid	1000 ml	4592	To get quick setting mould
	Technovit 4071, Powder	1000 gm	5054	
TECH008	Technovit 5071, Powder	1000 gm	5054	The disolvable mould
TECH009	Technovit Universal Liquid	1000 ml	4900	

Cont..

Code No	Product Name (Germany)	Qty	Price Rs	Application
TECH0013	Technovit 4006, Liquid, 1000 ml	1000 ml	4592	To get transparent mould
TECH0014	Technovit 4006, POwder, 1000 gm	1000 gm	5054	
TECH0015	Technovit 4004, Powder	1000 gm	5054	
	Technovit 4004, Liquid	1000 ml	4592	
TECH0018	Embedding Mould 15mm or 50mm or 25mm or 30mm or40mm	Each 1	1176	
TECH0020	Mixing Cup	10 Nos	294	
TECH0021	Mixing Spatuls	10 Nos	168	
TECH0022	Technovit4000 (Low Shrinkage)	1set	6200	To get low shrinkage mould
	750g + 500ml + 250ml	1set	6200	
TECH023	Technovit 5000 , Liquid, 500 ml	1 Set	9950	To get Conductive mould
	Technovit 5000, Powder, 1000 g			
TECH026	Technovit4000 (Low Shrinkage)	1 Set	10850	To get low shrinkage mould
	1500g + 1000ml + 500ml			
TECH029	Technotron MM 420- dia – 75mm with PSA - Polishing Cloth	10 Nos	2050	Polishing purpose

Heraeus Products Replicating System



It is used to create high-precision impression to inspect and measure surfaces.

As soon as the materials have thickened it is pressed on to the surface from which the impression is to be taken. (Min thickness of 5mm to prevent even marginal distortion when the impression is removed.

Code No	Product Name (Germany)	QTY	Price Rs
TECH0010	Technovit Universal Liquid (Also Choose C or D)	1000 ml	4900
TECH0011	Technovit 3040 yellow, Powder (C)	1000 gm	5054
TECH0012	Technovit 3040 black, Powder (D)	1000 gm	5054
TECH024	Provil Novo putty soft, 900 ml, Technik	1 no	5200
TECH025	Provil Novo Light CD 2, 2 x 50 ml, Technik	1 no	3400
TECH0017	Provil Novo putty regular, 900 ml, Technik	900 ml	4796
TECH028	Technovit 7100 (500ml / 5x1 / G/40ml)	1 Set	5750

Technovit 3040 Application



Silicon Rubber Moulds & Dies



Reusable Mould for Cold setting

Code No	Product Name (Imported)	Qty (Nos)	Price Rs
MDSI001	Rubber mould (Ø20mm)	1	350
MDSI002	Rubber mould (Ø25mm)	1	350
MDSI003	Rubber mould (Ø30mm)	1	350
MDSI004	Rubber mould (Ø40mm)	1	450
MDSI005	Rubber mould (Ø50mm)	1	525
MDSI006	Rubber mould (55 X 25mm)	1	525
MDSI007	Rubber mould (70 X 40mm)	1	625
MDSI008	Rubber mould (100 X 50mm)	1	675

Code No	Product Name	Qty (Nos)	Price Rs
M157	1" Silicon Rubber Mould	1	980
M158	1 1/4" Silicon Rubber Mould	1	1100
M159	1 1/2" Silicon Rubber Mould	1	1420
RM2	2" Silicon Rubber Mould	1	2240
RM3A	3.0" Silicon Rubber Mould	1	1600

Metallic Dies



Reusable Mould for Cold setting

Code No	Product Name	Qty (Nos)	Price Rs
MDI001	1" Metallic Die	1	500
MDI002	1 1/4" Metallic Die	1	500
MDI003	1 1/2" Metallic Die	1	750
MDI004	2" Metallic Die	1	750
MPSI011	Reusable plastic Mould (Ø30mm)	1	250

Grinding Belts



Grinding belts are used for pre-grinding the specimens

It is used to wear away the surface of a work piece and make surface flat.

Can be used with Bainline

Abrasive Belt - 100 X 915 mm

Code No	Product Name	Qty (Nos)	Price Rs
BA001	Alumina - Grit 60	10	1200
BA002	Alumina - Grit 80	10	1200
BA003	Alumina - Grit 120	10	1200
BA004	Alumina - Grit 400	10	1200
BA005	Alumina - Grit 600	10	1200
BA006	Alumina - Grit 320	10	1200
BA007	Alumina - Grit 220	10	1200

Wet Belt - 100 X 915 mm Water can be use during Grinding

Code No	Product Name	Qty (Nos)	Price Rs
WBA002	Alumina - Grit 80	10	950
WBA003	Alumina - Grit 120	10	950

Grinding Belts



Zircon Belt - 100 X 915 mm (Example stainless Steel Aeronautic component)

Code No	Product Name	Qty (Nos)	Price Rs
ZBA001	Zircon - Grit 60	10	1600

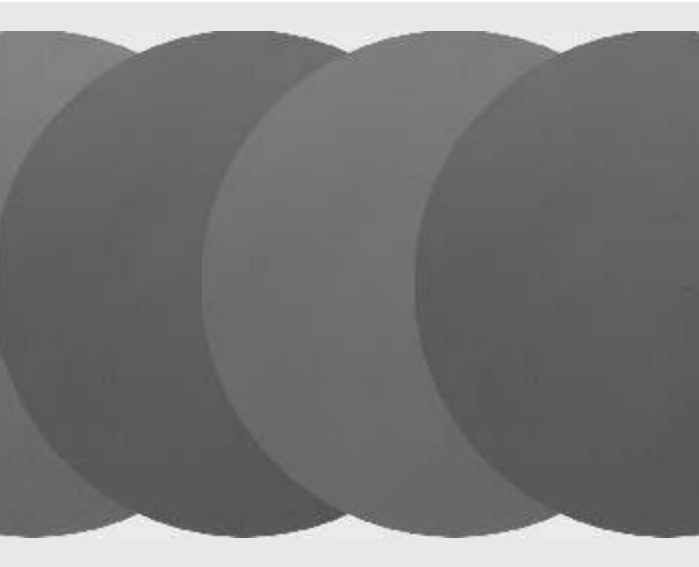
Heavy Duty Belts - 150 X 1220 mm

Code No	Product Name	Qty (Nos)	Price Rs
HB001	Alumina - Grit 60	10	1750
HB002	Alumina - Grit 80	10	1750
HB003	Alumina - Grit 120	10	1750

Linishing Belts - 50 X 2000 mm

Code No	Product Name	Qty (Nos)	Price Rs
LBA001	Alumina - Grit 60	10	950
LBA002	Alumina - Grit 80	10	950

SiC Grinding Discs



Polishing is the most important step in preparing a specimen for micro structural analysis. Grinding discs are used for intermediate polishing. Damages introduced during cutting and grinding are minimized.

SiC Grinding Discs - With P.S.A (Water Grade)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
EA001	8"	80	10	300
EA002	8"	120	10	300
EA003	8"	180	10	300
EA004	8"	220	10	300
EA005	8"	320	10	300
EA006	8"	400	10	300
EA007	8"	600	10	300
EA008	8"	800	10	300
EA009	8"	1000	10	330
EA010	8"	1200	10	330
EA011	8"	1500	10	330
EA012	8"	2000	10	350

SiC Grinding Discs



SiC Grinding Discs - Without P.S.A (Water Grade)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
ED001	8"	80	10	250
ED002	8"	120	10	250
ED003	8"	180	10	250
ED004	8"	220	10	250
ED005	8"	320	10	250
ED006	8"	400	10	250
ED007	8"	600	10	250
ED008	8"	800	10	250
ED009	8"	1000	10	300
ED010	8"	1200	10	300
ED011	8"	1500	10	300
ED012	8"	2000	10	330

SiC Grinding Discs - With P.S.A (Water Grade)

Code Nos	Size	Grit Size	Qty (Nos)	Price Rs
EAE001	10"	80	10	350
EAE002	10"	120	10	350
EAE003	10"	180	10	350
EAE004	10"	220	10	350
EAE005	10"	320	10	350
EAE006	10"	400	10	350
EAE007	10"	600	10	350
EAE008	10"	800	10	350
EAE009	10"	1000	10	400
EAE010	10"	1200	10	400
EAE011	10"	1500	10	400
EAE012	10"	2000	10	420

SiC Grinding Discs - Without P.S.A (Water Grade)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
EDE001	10"	80	10	300
EDE002	10"	120	10	300
EDE003	10"	180	10	300
EDE004	10"	220	10	300
EDE005	10"	320	10	300
EDE006	10"	400	10	300
EDE007	10"	600	10	300
EDE008	10"	800	10	300
EDE009	10"	1000	10	380
EDE010	10"	1200	10	380
EDE011	10"	1500	10	380
EDE012	10"	2000	10	400

SiC Grinding Discs - With P.S.A (Water Grade)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
ESE121	12"	80	10	450
ESE122	12"	120	10	450
ESE123	12"	180	10	450
ESE124	12"	220	10	450
ESE125	12"	320	10	450
ESE126	12"	400	10	450
ESE127	12"	600	10	450
ESE128	12"	800	10	450
ESE129	12"	1000	10	450
ESE130	12"	1200	10	500
ESE131	12"	1500	10	500
ESE132	12"	2000	10	530

SiC Grinding Discs - Without P.S.A (Water Grade)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
ESE101	12"	80	10	350
ESE102	12"	120	10	350
ESE103	12"	180	10	350
ESE104	12"	220	10	350
ESE105	12"	320	10	350
ESE106	12"	400	10	350
ESE107	12"	600	10	350
ESE108	12"	800	10	350
ESE109	12"	1000	10	450
ESE110	12"	1200	10	450
ESE111	12"	1500	10	450
ESE112	12"	2000	10	470

SiC Grinding Discs - With P.S.A (USA)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
M112-60	8"	60	10	1270
M112-120	8"	120	10	920
M112-180	8"	180	10	770
M112-240	8"	220	10	770
M112-320	8"	320	10	770
M112-400	8"	400	10	770
M112-600	8"	600	10	770
M112-800	8"	800	10	1220
M112-1200	8"	1200	10	1220
M115-60	12"	60	10	2020
M115-120	12"	120	10	1470
M115-180	12"	180	10	1320
M115-240	12"	220	10	1320
M115-320	12"	320	10	1320
M115-400	12"	400	10	1320
M115-600	12"	600	10	1320
M115-800	12"	800	10	2070
M115-1200	12"	1200	10	2070
M118-60	14"	60	10	2820
M118-120	14"	120	10	2470
M118-180	14"	180	10	2320
M118-240	14"	220	10	2320
M118-320	14"	320	10	2320
M118-400	14"	400	10	2320
M118-600	14"	600	10	2320



Polishing is the most important step in preparing a specimen for micro structural analysis. Grinding discs are used for intermediate polishing, damages introduced during cutting and grinding are minimized.

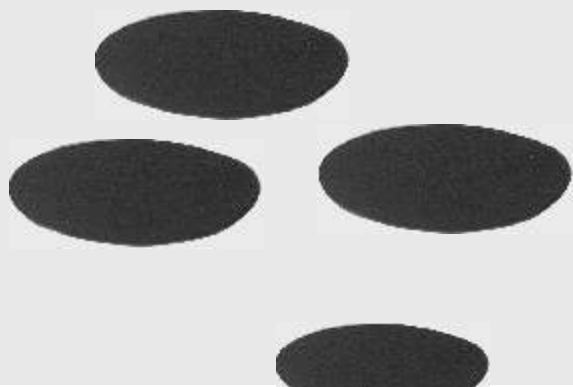
SiC Grinding Sheets - Without P.S.A(Water Grade)

Code No	Size	Grit Size	Qty (Nos)	Price Rs
ES001	9" x 11"	80	10	120
ES002	9" x 11"	120	10	120
ES003	9" x 11"	180	10	120
ES004	9" x 11"	220	10	120
ES005	9" x 11"	320	10	120
ES006	9" x 11"	400	10	120
ES007	9" x 11"	600	10	120
ES008	9" x 11"	800	10	120
ES009	9" x 11"	1000	10	120
ES010	9" x 11"	1200	10	230
ES011	9" x 11"	1500	10	250
ES012	9" x 11"	2000	10	250

SiC Grinding Sheets - Without P.S.A - USA

M109-60	9" x 11"	80	10	1100
M109-120	9" x 11"	120	10	840
M109-180	9" x 11"	180	10	720
M109-240	9" x 11"	240	10	720
M109-320	9" x 11"	320	10	720
M109-400	9" x 11"	400	10	720
M109-600	9" x 11"	600	10	720

Portable Grinding Discs

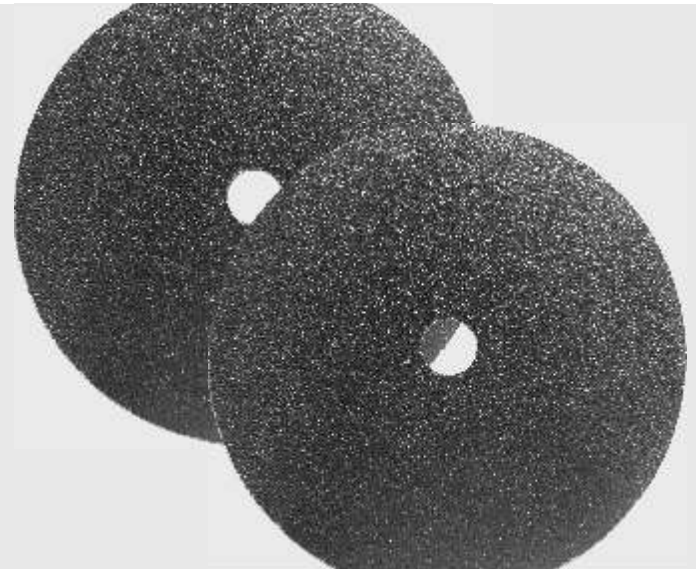


Polishing is the most important step in preparing a specimen for micro structural analysis. It is used in the portable polishing Machines.

For Portable Discs (SiC) - with P.S.A

Code No	Size	Grit Size	Qty (Nos)	Price Rs
SED007	30mm	80	10	30
SED008	30mm	120	10	30
SED009	30mm	180	10	30
SED010	30mm	220	10	30
SED011	30mm	320	10	30
SED012	30mm	400	10	30
SED013	30mm	600	10	30
SED014	30mm	800	10	30
SED015	30mm	1000	10	40
SED016	30mm	1200	10	40
SED017	30mm	1500	10	40
SED018	30mm	2000	10	45

Spectro Grinding Discs



Polishing is the most important step in preparing a specimen for spectro analysis. Grinding discs are used for polishing. Damages introduced during cutting and grinding are eliminated.

Spectro Grinding Discs - Al_2O_3

Code No	Size(Dia X ID)	Grit Size	Qty (Nos)	Price Rs
SGD002	350 x 40mm	36	10	1000
SGD003	350 x 40 mm	60	10	1000
SGD004	350 x 40 mm	80	10	1000

Spectro Grinding Discs With PSA - Al_2O_3

SGD006PS	350 x 40 mm	40	10	1100
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Magnetic Systems



The Magnetic Disc Fixation System provides for a quick convenient method for applying, removing, and reusing paper discs and polishing cloths from a single grinding/polishing wheels.

Code No	Product Name	Size	Qty (Nos)	Price Rs
TMGD801	Magnetic substrate disc to attach to any conventional platen self-adhesive backing	8"	1	1200
TMGD802	Magnetic substrate disc to attach to any conventional platen self-adhesive backing	10"	1	1800
TMGD803	Magnetic substrate disc to attach to any conventional platen self-adhesive backing	12"	1	2300
TMGDF801	Ferromagnetic carrier sheet for sand paper/cloths	8"	1	850
TMGDF802	Ferromagnetic carrier sheet for sand paper/cloths	10"	1	1500
TMGDF803	Ferromagnetic carrier sheet for sand paper/cloths	12"	1	1800

Diamond Polishing Compounds



Diamond paste is used in final polishing along with velvet cloth.
It gives best possible finish in shortest time.

Code No	Product Name	Qty (Nos)	Weight Kg	Price Rs
DP001	Diamond Paste 0.5 to 1 Micron	1	0.05Kg/5cc	225
DP002	Diamond Paste 3 to 4 Micron	1	0.05Kg/5cc	375
DP003	Diamond Paste 6 to 12 Micron	1	0.05Kg/5cc	425
DPE004	Diamond Paste 0.5 to 1 Micron (G II)	1	0.05Kg/5cc	85
DPE005	Diamond Paste 3 to 4 Micron (G II)	1	0.05Kg/5cc	85
DPE006	Diamond Paste 6 to 12 Micron (G II)	1	0.05Kg/5cc	95

Imported from USA

M200	0.25 Micron Diamond Paste	1	5 gm	2500
M202	1 Micron Diamond Paste	1	5 gm	2500
M204	3 Micron Diamond Paste	1	5 gm	2500
M206	6 Micron Diamond Paste	1	5 gm	2500
M208	9 Micron Diamond Paste	1	5 gm	2500

Diamond Polishing Compounds



Imported from USA

Code No	Product Name	Qty (Nos)	Weight Kg	Price Rs
M210	15 Micron Diamond Paste	1	0.05Kg/5cc	3400
M212	30 Micron Diamond Paste	1	0.05Kg/5cc	3900
M214	45 Micron Diamond Paste	1	0.05Kg/5cc	3900
M200P	0.25 Micron Diamond Paste	1	0.05Kg/5cc	5500
M202P	1 Micron Diamond Paste	1	0.05Kg/5cc	5500
M204P	3 Micron Diamond Paste	1	0.05Kg/5cc	9500
M206P	6 Micron Diamond Paste	1	0.05Kg/5cc	9500
M208P	9 Micron Diamond Paste	1	0.05Kg/5cc	11800
M210P	15 Micron Diamond Paste	1	0.05Kg/5cc	11800

Lubricant - Aerosal Spray



Lubricant - Aerosol Spray

It is used during final polishing to avoid sample getting heated, It acts as a lubricant

Code No	Product Name	QTY	Price Rs
DL001	Lubricant - Aerosal Spray	200 ml	275

Diamond - Aerosal Spray



Diamond - Aerosal Spray (Imported USA)

It is used during final polishing

Code No	Product Name	QTY	Price Rs
M288	Diamond- Aerosal Spray - 0.25 Micron	150 ml	4900
M289	Diamond- Aerosal Spray - 1 Micron	150 ml	4500
M290	Diamond- Aerosal Spray - 3 Micron	150 ml	5000



Diamond suspensions are used in final polishing. It gives best possible finish in shortest time.

Code No	Product Name (Imported)	QTY	Price Rs
M271	Diamond Suspension (1 Micron)	240 ml	5000
M272	Diamond Suspension (3 Micron)	240 ml	5000
M273	Diamond Suspension (6 Micron)	240 ml	6300
M274	Diamond Suspension (9 Micron)	240 ml	6500
M275	Diamond Suspension (15 Micron)	240 ml	6500
M260-P25	Diamond Suspension (0.25 Micron)	240 ml	10100
M261-P1	Diamond Suspension (1 Micron)	240 ml	10100
M262-P3	Diamond Suspension (3 Micron)	240 ml	10100
M2620-P6	Diamond Suspension (6 Micron)	240 ml	10100
M2620-P9	Diamond Suspension (9 Micron)	240 ml	10200
M262-P15	Diamond Suspension (15 Micron)	240ml	10500
M251	Diamond Suspension (.25 Micron) MoNocrystalline)	240 ml	4500
M253	Diamond Suspension (1 Micron) MoNocrystalline)	240 ml	4500
M254	Diamond Suspension (3Micron) MoNocrystalline)	240 ml	4750
M255	Diamond Suspension (6 Micron) MoNocrystalline)	240 ml	4750

Alumina Polishing Powder & Suspensions



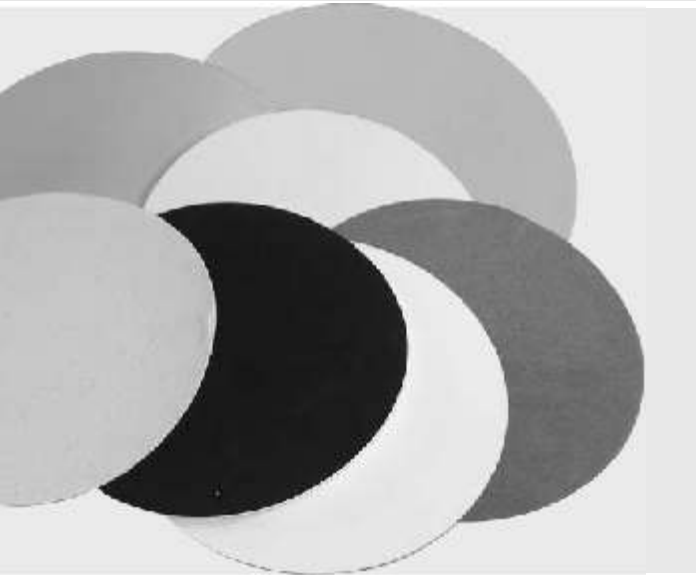
Alumina Powder and alumina Suspensions are used for final polishing

Code No	Product Name	QTY	Price Rs
AP001	Alumina Powder - 1 Micron (Polishing Powder)	1 Kg	800
FP001	Alumina Fast-Pol (Polishing Suspension)	200 ml	240

Imported from USA

IFP00001	Alumina Fine-Pol - 1 Micron (Polishing Suspension)	200 ml	1200
IFP00004	Alumina Gamma - Pol - 0.05 Micron (Polishing Suspension)	200 ml	1200
IFP00003	Alumina Fine pol - .3 Micron (Polishing Suspension)	200 ml	1200
M511-OPSQ	Colloidal Silica 0.04 Micron	1000 ml	6000

Polishing Cloths



Polishing Cloths - Without P.S.A (Suitable for 8" Discs)

Code No	Description	Size	QTY(Nos)	Price Rs	
PC001	Velvet (Red)	10"	10	360	
PC002	Micro (Brown)	10"	10	300	
PC003	Selvyt(Sandle)	10"	10	450	
PC004	Billiards (Green)	10"	10	300	
LP10PC	Velvet (Black)	10"	10	1700	Imported
LP10BR	Velvet (Brown)	10"	10	1800	

Polishing Cloths - Without P.S.A (Suitable for 10" Discs)

Code No	Description	Size	QTY(Nos)	Price Rs	
PC12V	velvet	12"	10	420	
PC12M	Micro	12"	10	350	
PC12S	Selvyt	12"	10	500	
PC12B	Billiards	12"	10	350	
LP12PC	velvet (Black)	12"	10	2300	Imported
LP12BRPC	velvet (Brown)	12"	10	2400	

Polishing Cloths

Polishing Cloths - Without P.S.A (Suitable for 12" Discs)

Code No	Description	Size	QTY(Nos)	Price Rs
PC14V	velvet	14"	10	460
PC14M	Micro	14"	10	400
PC14S	Selvyt	14"	10	550
PC14B	Billiards	14"	10	400

Polishing Cloths - With P.S.A (for 8" and 10 " Discs) Imported

Code No	Description	Size	QTY(Nos)	Price Rs
LP001	Velvet Black	8"	10	1700
LP002	Velvet Black	10"	10	2600
LP003	Velvet Brown	8"	10	1800
LP004	Velvet Brown	10"	10	2700

Portable Polishing Cloths - With P.S.A

Code No	Description	Size	QTY(Nos)	Price Rs
PCS002	Velvet Polishing Cloth Gray	30mm	10	40
LP30PS	Velvet Polishing Cloth Black	30mm	10	180
LP30BRPS	Velvet Polishing Cloth Brown	30mm	10	200

Imported

Polishing Cloths



Polishing Cloths - With P.S.A (USA)

Code No	Description	Size	QTY(Nos)	Price Rs
M620-8PS	Dia-mol	8"	10	15000
M560-8PS	Pan w	8"	10	6000
M500-8PS	Micro cloth	8"	10	4500
M630-8PS	Dia nap	8"	10	10000
M536-8PS	Vel Lap	8"	10	4500
M660-8PS	Chem - PAD	8"	10	17000

Polishing Cloths - With P.S.A (USA)

Code No	Description	Size	QTY(Nos)	Price Rs
M560-12PS	Pan w	12"	10	9000
M500-12PS	Micro cloth	12"	10	6000
M630-12PS	Dia nap	12"	10	15000
M536-12PS	Vel Lap	12"	10	6000
M660-12PS	Chem - Pad	12"	10	28000



Hot Air Drier

Code No	Product Name	Qty (Nos)	Price Rs
HTP001	Hot Air Drier	1	3500

Specimen leveler

Code No	Product Name	Qty (Nos)	Price Rs
SPL001	Specimen Leveler	1	3000

Sample Protective Liquid

Code No	Product Name	Qty	Price Rs
LA001	Sample Protective Liquid	1 lt	800

Portable Engraving Machine

Code No	Product Name	Qty (Nos)	Price Rs
EG001	Engraving Machine	1	1000

Specimen Leveling Clay (Never dry)

Used to level the sample for analyzing an irregular sample

Code No	Product Name	QTY	Price Rs
SLC001	Leveling Specimen Clay	200gm	1050

Metallurgical Charts

Code No	Product Name	Qty (Nos)	Size (L X B) mm	Price Rs
AHC001	Alpha Hardness Conversion	1	650 X 500	250
GS0004	Grain Size	1	900 X 630	450
IR0003	Inclusion Rating	1	820 X 700	450
ICD002	Iron Carbon Diagram	1	680 X 500	250

Terms & Conditions

P & F	Extra @ 5%
Sales Tax	Vat @ 12.5% or 4 % if Certified as Industrial inputs by the customer - for Tamil Nadu State. CST @12.5% without "C" form (or) 2% with "C" Form - for other States
Excise Duty	10.3 % or as applicable
Freight	Extra to your account
Delivery	Standard consumables 1 week Imported consumable 4 to 6 Weeks
Payment	100% against Proforma Invoice
Insurance	Extra to your account
Address	Head Office Chennai Metco Pvt Ltd SP-100A, Ambattur Industrial Estate, Chennai - 600 058. Mktg Direct - 044-645 69556 Fax Number - 044-2625 9750 Email Id - mktg@chennaietco.com Consumable Office Chennai Metco Pvt Ltd, 127, Vellalar Street, West Mogaippar, Chennai - 600 037 Consumables Office - 044 65651361, 044-64597855 Fax Number - 044 43550364 Email Id - consumables@chennaietco.com www.chennaietco.com
Bank Details	State Bank of India Chennai - 58 Ambattur Industrial Estate Branch - 00265 Account No: 10419076618 BSR Code: 0002288, MICR No: 600002067, IFCS Code: SBIN0000265 SWIFT Code: SBININBB292 PAN No: AABCC5678E

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