



ALTAHER

One stop, integrated solution for all your metal finishing and metal coating requirements.

AL TAHER CHEMICALS TRADING LLC (ATC) is an ISO 9001:2015 & OHSAS 18001:2007 certified company and a tiered partner to all the major chemical brands and are pioneers in delivering Electroplating, Pre-Treatment & Hot Dip Galvanizing products and solutions across the GCC.

ATC are a leading chemical trading and an end to end solution provider for metal finishing including cutting, grinding and polishing in the UAE.

With over 20 years of in-depth experience, **ATC** delivers cost effective & efficient solutions and can be your ideal partner for all your metal coating and finishing requirements.

ATC is an associate concern of a 125 years old business house from India **Abdul Husain Ghulam Husain & Sons**. Founded in 2007 in the UAE, **ATC** has grown rapidly into a diversified solutions provider and has created successful references across the Middle East.

ATC partners with leading brands including Atotech, Ralf Thome, ilve, Eisenblätter, Karbosan, Osborn, Shinetex, Mefiag, Lafonte, Mazurczak, Welkin among others.

Our Mission:
“Polish Today, Brighter Tomorrow” To us, this statement embodies the concept of human achievement and embraces the spirit of innovation, creativity and continuous improvement. We believe in designing and delivering solutions which bring tangible business value to our customers and enhance the human achievement of their employees.

Promise of Quality:
We promise to deliver our solutions ‘On Time, On Budget and on Target’ We are committed to integrating quality principles throughout our company. Every transaction, be it external or internal, with a client or with a service provider, follows quality certified processes. It is a passion for every **ATC** member to ensure that our customers are provided with information and deliverables as required. We emphasize the concept of the internal customer. Every **ATC** member has a customer, for some it may just be that the customer works under the same roof.

Electroplating Chemicals	2
Metal Colouring	6
Metal Coating, Paint & Powder Coating Stripper	7
Surface Treatment	8
Metals & Metal Salt	9
Hot Dip Galvanizing Plants & Chemicals	10
Speciality Chemicals	11
Plants & Equipment	12
Grinding, Buffing & Polishing (Eisenblatter)	14
Grinding & Polishing (Karbosan)	19
Cutting (Karbosan)	22
Grinding (Karbosan)	24
Grinding, Buffing & Polishing (Osborn)	26
Accessories	29



General Metal Finishing

Cleaners

- Soak Cleaner
- Electrocleaner
- Cleaner for Aluminium and Aluminium Alloys
- Cleaner for Copper and Copper Alloys
- Cleaner for Zinc Die Cast (Zamak)



Activators

- Activator for Aluminium and Aluminium Alloys
- Activator for Zinc Die Cast (Zamak)
- Activator for Nickel on Nickel or Chrome
- Activator for Stainless Steel



Copper Plating

- Electroless Copper
- Cyanide Copper
- Rochelle Cyanide Copper
- Alkaline Non Cyanide Copper
- Acid Copper



Nickel Plating

- Dull Nickel
- Duplex Nickel
- Triplex Nickel
- Bright Nickel
- Black And Antique Nickel



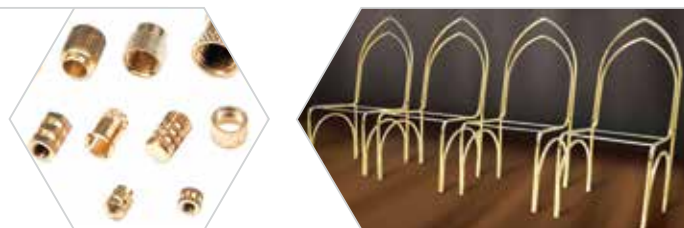
Chrome Plating

- Conventional Bright Chrome
- Catalytic Bright Chrome



Brass Plating

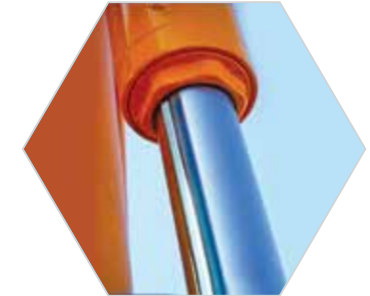
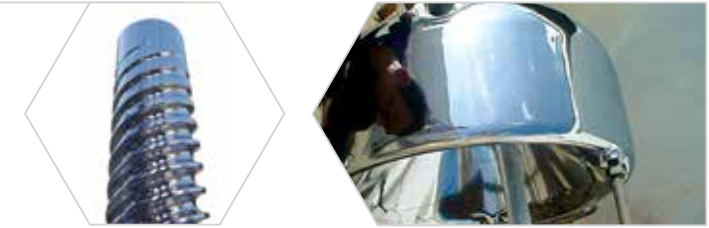
- Yellow Brass
- Golden Brass



Functional Metal Plating

Hard Chrome Plating

- Conventional Bath
 - Mixed Catalyst Bath
 - Non Etching High Efficiency Catalyst Bath
- Our Speciality Atotech's World No.1 And Proved Heef 25 Process
- High Cathode Efficiency
 - Smooth, Bright Deposit
 - No Low Current Etching
 - Improved Distribution
 - Vickers Hardness Of 1000- 1150
 - Micro Cracked Deposit Greaterthan 1000 Cracks/Inch
 - Can Use High Current Densities
 - Simple Maintenance And Control
 - Black Chrome - For Solar Panels Etc



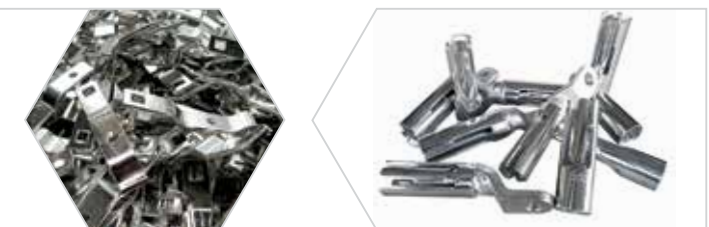
Electroless Nickel Plating

- Low Phosphorous Electroless Nickel
 - Medium Phosphorous Electroless Nickel
 - High Phosphorous Electroless Nickel
- Our Speciality Atotech's
- GemENI Black
 - ELvEN MP
 - ELvEN HP
 - Armor A,R,M
 - Armor Hp – High Phosphorous Bath



Tin Plating

- Sulfuric Acid based solutions
- Methane Sulphonic Acid based solutions
- Low Sulfuric Acid NP free solutions



Anodizing

- Anodizing Plants
 - Anodizing Chemicals
 - Sealing
- Tanks
 - Chiller
 - Rectifier
 - Cleaners
 - Etching
 - Chemical Brighting
 - Anodizing Chemicals & Additives
 - Dyes (Electro Dyes & Dipping Dyes)
 - Cold Sealing
 - Hot Sealing
 - Nickel Free Sealing



Precious Metal Plating

Gold Plating

- 24 K Neutral Flash Gold Plating Baths
- 22 K Acidic Micron Gold Plating Baths
- Colour Gold Plating Baths (18 K, Rose, Copper Green Etc.)
- Direct Plating On Stainless Steel
- Pen Or Brush Plating Solutions
- Gold Electroforming
- Gold Potassium Cyanide 68.2%



Silver Plating

- Flash Silver Bath
- Micron Silver Bath
- Silver Antitarnish Chrome Free Fully Organic
- Silver Potassium Cyanide
- Silver Cyanide
- Silver Salt
- Ready To Use Silver Solution



Rhodium Plating

- Rhodium Plating Bath 1 Gm
- Rhodium Plating Bath 2 Gms
- Pen Plating Solution
- Black Rhodium



Ruthenium

- Black Ruthenium
- Gun Metal Colour



Palladium

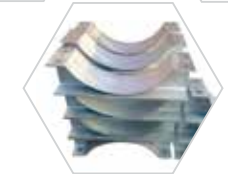
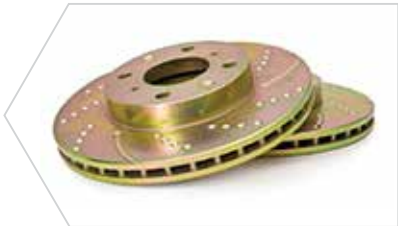
- Pure Palladium
- Nickel Palladium



Corrosion Resistant Coatings

Zinc Plating

- Alkaline Cyanide Zinc Plating
- Alkaline Non Cyanide Zinc Plating – New Generation Environment Friendly Solutions
- Acid Chloride Zinc Plating
 - Potassium Based Bath
 - Ammonium Based Bath
 - Potassium Ammonium Bath
- High Speed Sulphate Bath
 - For Wire Coating
 - For Strips Coating



Zinc Alloy Plating

- Zinc Nickel Bath
- Zinc Iron Bath
- Zinc Cobalt Bath



Hexavalent Chrome Passivates

- Clear Blue Bright
- Iridescent Yellow
- Black
- Olive Green



Trivalent Chrome Passivates (Environment Friendly)

- Clear Silver White, Blue Bright
- Clear Blue Bright
- Iridescent Yellow, Pinkish Yellow And Dark Yellow
- Black



Zinc Flake System

- Zinc Flake Silver
- Zinc Flake Black Top



Metal Colouring, Metal Oxidation, Patina & Blackening

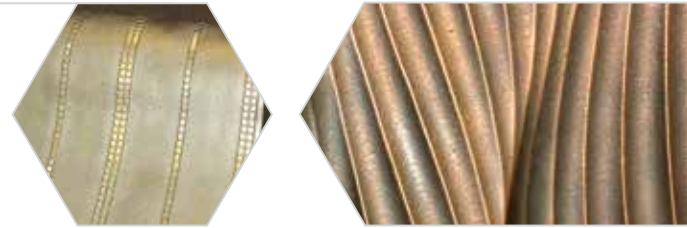
Vintage 266

- Room Temperature 5-20% Solution Wine Red To Buff Black On Copper, Brass And Alloys



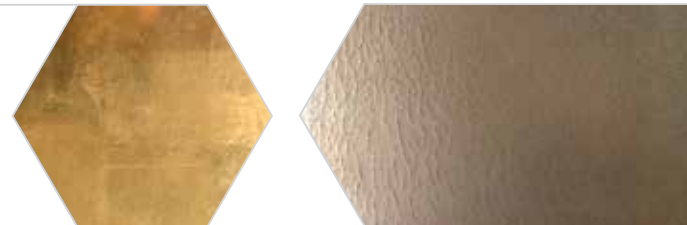
Vintage 554C

- Room Temperature 5-20% Flame Red To Bluish Black On Copper, Brass And Alloys



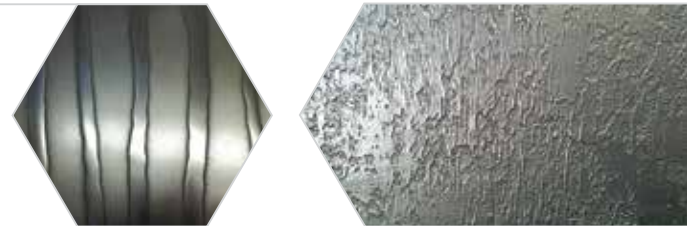
Rashik Brasalt

- Room Temperature 1-2 % Greenish Red To Dark Balck On Copper, Brass And Alloys



Silver Blackening

- Two Part Solution To Be Used At Full Strength



Room Tempreture Blackening

- Jet Black Room Temperature Blackening On Mild Steel.



Hot Blackening

- Hot Blackening Solution For Mild Steel 120°-140° Centigrade



Plating on Plastic

Conventional Process



Noviganth Process (A Speciality Of Atotech)



Futron Process (Very Special Process From Atotech)



Metal Coating, Paint & Powder Coating Stripper

Paint & Powder Coating Stripper

- Nickel Stripper From Copper And Copper Alloys
- Nickel Stripper From Mild Steel
- Chrome Stripper From Nickel, Mild Steel And Stainless Steel
- Gold Stripper From Copper And Nickel.
- Electroless Nickel Stripper
- Paint And Powder Coating Stripper
- Tech Strip 2010
- Tech Strip ZHF 93



Stainless Steel Pickling & Passivation

- S.S Pickling Paste
- S.S Pickling Liquid
- Passivation Liquid
- S.S 316 Single Test Kit
- Pick n Pass Process
- Weld Brush
- Weld Brush Cleaning Solution



Surface Treatment

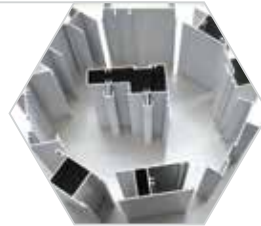
Cleaners

- Aluminium Profiles
- Aluminium Castings
- M.S Sheets
- Galvanized Sheets
(Alkaline & Acid based)



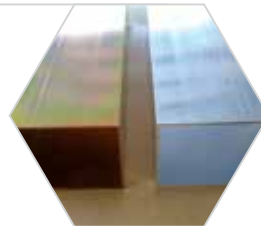
Deoxidation

- Aluminium Profiles
- Aluminium Castings
- M.S Sheets
- M.S Pipes



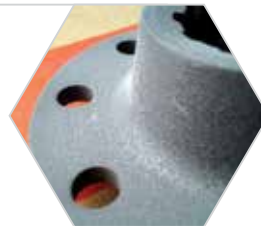
Aluminium Chromating

- Yellow Chromate
- Green Chromate
- Hexavalent Chrome Free Chromating



Phosphating

- Low Weight Zinc Phosphate Calcium Based
- Wire Drawing Zinc Phosphate
- Heavy Zinc Phosphate (Marine & Oil Field Parts)
- Iron Phosphate
- Manganese Phosphate
- Zirconium



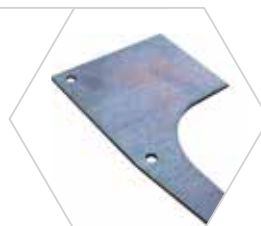
Rust Removers

- 2 in 1
- 3 in 1



Rust Converters

- Normal
- Resin Based



Metals & Metal Salt

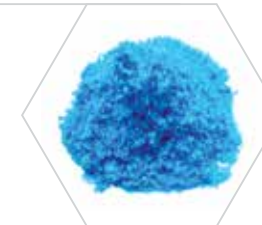
Nickel

- Electrolytic Nickel - Size 4 InchxSize 24 Inch
- S Nickel- Rounds , Pellet, Shots
- Nickel Sulphate
- Nickel Chloride
- Nickel Carbonate
- Ready To Use Nickel Salts



Copper

- Electrolytic Copper
- Phosphorized Copper
- Oxygen Free Copper
- Copper Sulphate
- Copper Cyanide
- Copper Chloride
- Copper Nitrate



Zinc

- Zinc Ingots Special High Grade 99.995% Lme Registered
- Zinc Ingots High Grade 99.975%
- Zinc Balls
- Zinc Oxide 99%
- Zinc Sulphate
- Zinc Chloride
- Zinc Dust



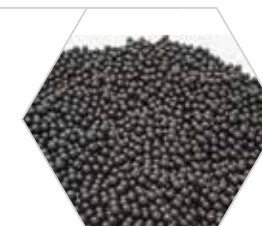
Tin

- Tin Ingots 99.97%
- Tin Sulphate (Stannous Sulphate)
- Tin Chloride (Stannic Chloride)
- Tin Lead Solder



Lead

- Lead Ingots 99.9%+
- Lead Tin Alloyed Anodes For Chrome Plating
- Lead Shots (1mm - 3.5mm)
- Lead Sheets (0.5mm - 30mm)



Hot Dip Galvanizing Complete Plants

- Tanks for Pretreatment
- Dryer for Flux
- Zinc Melting Crucible with Furnace & Firing System
- Exhaust System
- Effluent Treatment Plants



Chemicals

- Acid Degreaser
- Alkaline Degreaser
- Pickling Acid
- Pickling Inhibitor & Activator
- Fluxes (Wet, Dry & Blanket)
- Passivation (Hexavalent & Trivalent)



Zinc & Metals

- High Grade Zinc
- Special High Grade Zinc
- Nickel Tablets
- Aluminium Ingots



Additive	Result
Aluminum	Increased Brightness; increased fluidity; better drainage
Bismuth	Increased fluidity; better drainage
Lead	Increased fluidity; better drainage
Nickel	Control of galvanizing reactive steels
Tin	Better overall appearance

Table 1: Summary of the results of adding metals to the galvanizing kettle

Abrasive Blasting

- Sand Blasting Machines
- Shot Blasting Machines
- Glass Beads Blasting Machines
- Ceramic Beads Blasting Machines



Accessories

- Filter for Degreaser
- Filter for Flux
- Heaters for Alkaline Degreaser
- Temperature Controller
- Glycerine
- Hydrogen Per Oxide
- Extra Tanks
- Extra Crucible



Lubricants

- Rust preventive oils
- Wetting & dispersing oils
- Soluble cutting oils
- Hydraulic oils
- Neat cutting oils
- Transformer oils



Specialty Paints & Aerosols

- Zinc rich paint
- Zinc rich paint aerosol
- Zinc paint pigment
- Zinc paint pigment aerosol
- Black color aerosol
- White color aerosol



Cleaners & Degreasers

- Heavy soil degreaser
- Glass & aluminum cleaners
- Environment friendly lemon cleaner
- Acid inhibitor
- Descale
- Oil spill degreasers
- Electronic Degreasers
- MPC electraclean
- Multimetal cleaner



Plants & Equipment

Electroplating Plants

- Manual Electroplating Plants Rack And Barrel
- Semi Automatic Electroplating Plants Rack And Barrel
- Fully Automatic Electroplating Plants Rack And Barrel
- Electroless Nickel Plating Plant



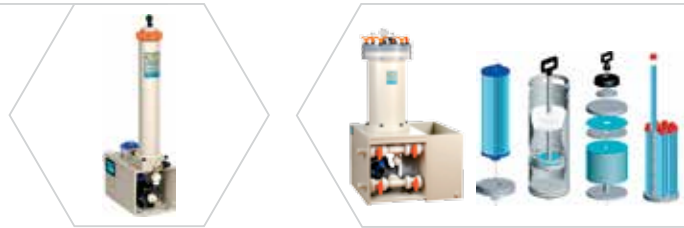
Electroplating Rectifier

- Air Cooled Rectifiers- 50-2000 Amps /10 Volts Or 1Gbt, SCR Modular 12Volts Or 15 Volts
- Water Cooled Modular Rectifier - 500-50000 Amps /10 Volts Or 12Volts Or 15 Volts
- Oil Cooled Rectifier - 50-25000 Amps /10 Volts Or 12Volts Or 15 Volts
- Pulsating Rectifier For Gold Plating



Filter Units

- P.p Body Filter Disc Type - 1000- 20000 Ltrs Per Hour
- Ms Body Pvc Lined Filter Disc Type - 1000-20000 Ltrs Per Hour
- P.p Body Filter Catridge Type - 1000- 20000 Ltrs Per Hour
- Ms Body Filter Catridge Type - 1000- 20000 Ltrs Per Hour
- Pvd Body Filter Disc Type - 1000- 20000 Ltrs Per Hour For Highly Corrosive Solutions Like Chromic Acid



Barrel Unit

- Barrel Unit Manual Lifting With One Drum 35 Kg Capacity
- Barrel Unit Manual Lifting With Two Drum 35 Kg Capacity
- Barrel Unit Manual Lifting With One Drum 50 Kg Capacity



Dryer Unit

- Dryer Unit Simple With Centrifuge Basket Mild Steel/Stainless Steel 15Kg/30Kg
- Dryer Unit With Air Blower And Heater Complete With Centrifuge Basket Mild Steel/Stainless Steel



Plants & Equipment

Turbine Air Blower

- 2 H.P Motor Capacity
- 3 H.P Motor Capacity
- 5 H.P Motor Capacity
- 7 H.P Motor Capacity



Ultrasonic Cleaning Machines

- Ultrasonic Cleaner Units



Scrubbers

- 5000, to 30,000 CFM Scrubbers for Scrubbing Hazardous Fumes & Gases.



Pumps

- Magnetic Drive Pumps
- Vertical Pumps
- Double Seal Pumps
- Magnetic Drive Pumps
- Diaphragm Pumps
- Drum Pumps



Tanks

- P.V.C. Tanks
- P.P Tanks
- P.V.D.F Tanks
- Ruber Lined Tanks
- FRP & GRP Tanks
- Lead Lined Tanks



Heaters & Temperture Controlers

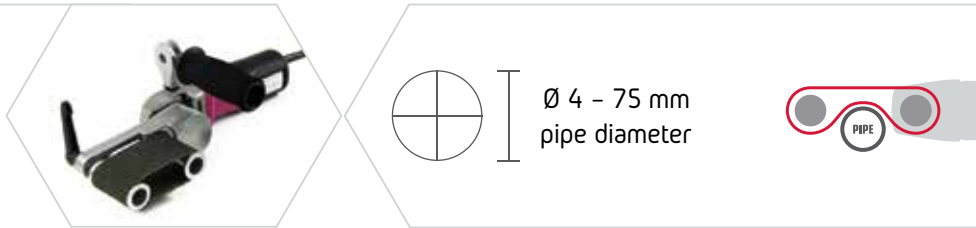
- S.S Heaters
- Titanium Heaters
- Lead Bonded Heaters
- Teflon Heaters
- Ceramic Heaters
- Quartz Glass Heaters
- Temperature Controller With Sensors



Application Overview

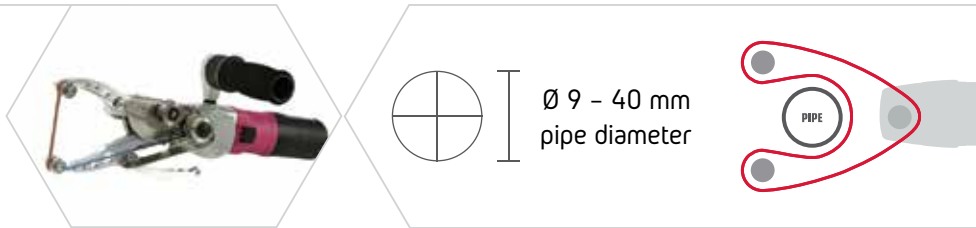
Pipe Fix Duo

- Belt dimensions:
60 x 260 mm



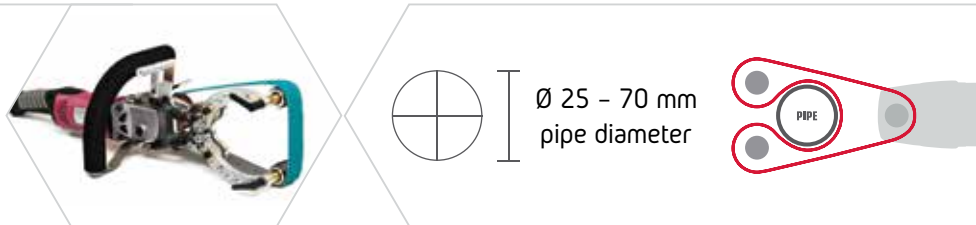
Pipe Fix Smart

- Belt dimensions:
9 x 533 mm



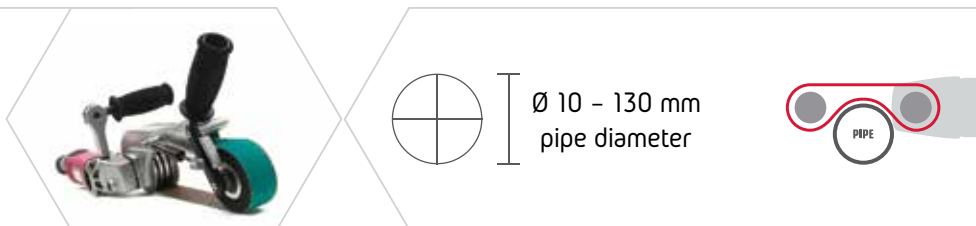
Pipe Sniper®

- Belt dimensions:
40 x 780 mm



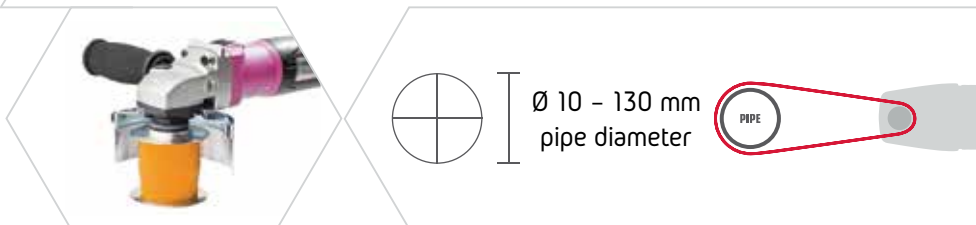
Pipe Max

- Belt dimensions:
40 x 780 mm



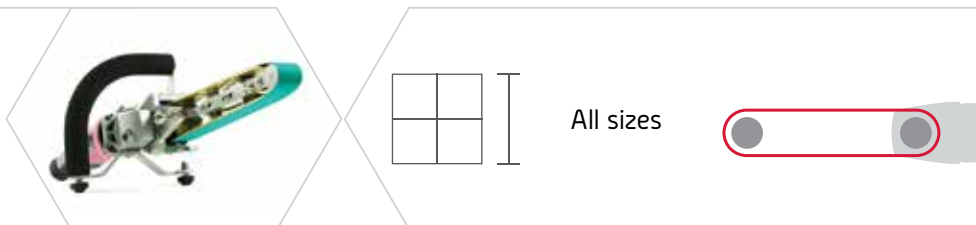
Varilex® Wsf 900 Duo

- Belt dimensions:
30 x 600 mm
30 x 660 mm (T-lock)



Gladius® 1800

- Belt dimensions:
40 x 780 mm



Trimfix® Product Qualities

- Unique combination of high-tech abrasive cloth and natural fibre backing plate
- Natural fibre backing plates – entirely free of fibreglass, sustainable and unrivaled Reduces strain on the user and environmental pollution 100 % developed and produced in Germany



Trimfix® Hellfire® Ceramic Hybrid

- Multigrain (40/60) for all metals (such as steel, stainless steel, titanium, bronze, aluminium ...)
- New ceramic hybrid fabric allows grinding of workpieces with just one coarse to medium grit
- Reduced working steps due to grinding and finishing hybrid



Trimfix® Zircopur®

- High-tech zirconium fabric for high-performance grinding of steel and stainless steel
- Very good grinding results with unbeatable value for money
- Backing plate can be fully trimmed – entire disc can be used



Magnum® Cool Top® 8

- Longer, faster and more efficient grinding
- Abrasive cloth contains 100 % pure zirconium
- Cooling agents for an extremely high degree of material removal
- Slightly angled (5° angle)



Tiger Shark® Elastic

- Grinding disc does not smear when grinding aluminium
- TIGER SHARK® + ALU-FIX ÖL result in up to 300 % more material removal capacity and three times longer service life
- Visibly better grinding results
- Highly flexible backing plate adjusts to the workpiece.



Grinding, Buffing & Polishing

Magnum® Clean

- Pore-deep clean of metals and other materials
- Cleans without removing material from the workpiece and without damaging the basic material
- Does not smear, even when heavily soiled
No metal content whatsoever and therefore no risk of corrosion



Hellfire® Ceramic Hybrid Sleeve

- HellFire® ceramic hybrid sleeve made from top quality ceramic cloth with several times the service life of conventional zirconium sleeves for all metals Aggressive removal even on materials which are difficult to machine such as stainless steel, titanium, bronze, etc Delivers particularly cool and non-slip grinding.



Ceramic Sleeve

- Ceramic sleeve made from top quality ceramic fabric with several times the service life of conventional zirconium sleeves for removing deep scratches, rust, scale and spot welds.



Zirconium Sleeve

- Grinding sleeves made from top quality zirconium fabric for removing deep scratches, rust, scale and spot welds.



Flap Wheel

- Grinding flap wheel for surface grinding
- With a vibration-damping core for single, double and quadruple spline shafts, ensuring the wheel runs perfectly For removing rust, oxide layers, paint, scratches and for textured and satin finishes on all metals.



Sc Fleece Sleeve

- Technical surface conditioning fleece – ideally suited for removing oxide layers, deburring and fine grinding outstanding for decorative satin finish and linear grinding while at the same time eliminating minor scratches (possibly finish with POLY-PTX® fleece wheel of 60, 80 or 180 grit to eliminate grinding transitions).



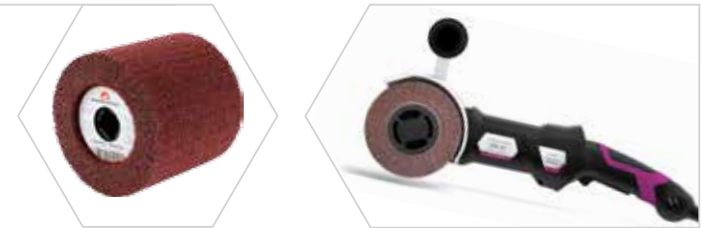
Mix Wheel

- Combined fleece/grinding flap wheel
- Grit-impregnated, top quality nylon fleece with top quality corundum abrasive cloth for uniform fleece and abrasive cloth usage This wheel has a more aggressive impact than pure fleece wheels due to this With a vibration-damping core for single, double and quadruple spline shafts, thus, ensuring the disc runs perfectly.



Fleece Wheel

- Compact high-tech fleece wheel made from compressed nylon grit fleece for industrial grinding
- It is possible to obtain a working width of 110 mm (fits all satin finish tools) with 60, 80 and 180 grits and a diameter of 115 mm.



Brightex® Polishing Sleeve

- For reconditioning surfaces that are mirror-polished mechanically
- Ideal for use with polishing machines and hand-held polishing tools
- For best results, use Eisenblätter care and cleaning products for removing polish residues
- Completely new high-tech paste formulation for metals



Felt Wheel

- First-class merino felt wheel made from special felt material with a vibration-damping core for single, double and quadruple spline shafts, thus ensuring the wheel runs perfectly can be used with greater contact pressure Do not use different pastes or creams on the same felt wheel because leftover grit can ruin the finish.



Grinding, Buffing & Polishing

Cotton Ring (Impregnated)

- Fine cotton rings for polishing Impregnated version for non-ferrous metals do not use different pastes or creams on the same cotton ring Ideal for high-gloss polishing of nonferrous metals, such as aluminium and brass Ideal for uneven workpieces and corrugated sheet metals.



Mirror Finishing Ring Soft

- Fine, soft polishing rings made from technical fleece, do not use different pastes or creams on the same mirror finishing ring mirror finishing ring effect (final polish for stainless steel through to non-ferrous metals) – same result as using buff wheels The spline shaft hole allows it to be slipped directly onto the POLY-PTX® 800 Professional 8 pces (1 pack) for 100 mm shaft.



Brilliance Clean

- Streak-free cleaning
- Removes all kinds of minor contaminants lightning fast from all metal such as stainless steel, aluminium, copper, brass, etc.



Inox Protect (Dry, Hard Wax)

- Protect and seal
- Cleans lightning fast and protects decorative surfaces from, fingerprints and stains long-term with a transparent hard protective layer.



Poly Seal (Oil Film)

- Clean and preserve
- Food-grade and ideal for decorative outdoor stainless steel surfaces, such as stainless steel doors, cladding, surfaces of railings, fountains, figurines, works of art, large kitchens and catering establishments.



Kangaroo Alu-Fix Oil

- This special unique oil for grinding aluminium prevents flap discs from smearing and increases the service life and performance by up to 300%.
- Simply spray onto the workpiece before grinding and grind as normal!



Grinding & Polishing

Hook & Loop Discs

Category	Abrasive	Product Code	Feature
F Paper	SC Silicon Carbide	CFR91	Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak, brass, copper and non ferrous materials, having F weight paper backing and Silicon Carbide abrasive grains, also antistatic and semi-open coating.
	AO Aluminum Oxide	AFR71	Ideal for sanding wood, low alloy steel and stainless steel (Inox) materials, having F weight paper backing and Aluminum Oxide abrasive grains, also antistatic and closed coating.
	ZR Zirconia	ZFR91	Ideal for sanding low alloy steel, stainless steel (Inox), high alloy steel, aluminium, zamak and wood materials, having F weight paper backing and Zirconia abrasive grains, also antistatic and semi-open coating.
	CE Ceramic	CEFR91	Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak and wood materials, having F weight paper backing and Zirconia abrasive grains, also antistatic and semi-open coating.
X Cotton Cloth	AO Aluminum Oxide	AXOP21	Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous metal materials, having X weight cotton cloth backing and Aluminum Oxide abrasive grains, also semi-open coating.
	ZR Zirconia	ZXR11	Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak and wood materials, having X weight cotton cloth backing and Zirconia abrasive grains, also closed coating.
YY Polyester Cloth	SC Silicon Carbide	CYXR11	Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak, brass, copper and non ferrous metal materials, having YY weight polyester cloth backing and Silicon Carbide abrasive grains, also closed coating.
	AO Aluminum Oxide	AYXR11	Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous metal materials, having YY weight polyester cloth backing and Aluminum Oxide abrasive grains, also closed coating.
	ZR Zirconia	ZYYR11	Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak, cast iron and wood materials, having YY weight polyester cloth backing and Zirconia abrasive grains, also closed coating.
	CE Ceramic	CEYYR21	Ideal for sanding wood, brass, copper and non ferrous metal materials, having YY weight polyester cloth backing and Ceramic abrasive grains, also semi-open coating.

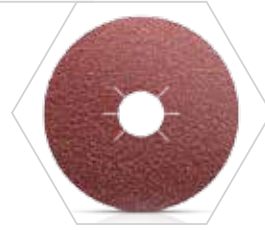
Grinding & Polishing

Karbosan Coated Abrasives

AWR11

- Aggressive cutting
 - High cut performance
 - Increased productivity
- Recommendation for Application:** Grinding and finishing of welding parts and chips of various metals

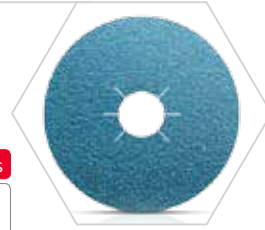
Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions
AWR11	Fibre Discs	16 - 24 - 36 - 40 - 50 - 60 80 - 100 - 120 - 150 - 180 220 - 240 - 280 - 320	Vulcanized Fibre 0,8 mm.	Resin / Resin	Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22



ZWR11

- Fast cut performance, long wear
 - Increased productivity
 - Cool cut / Long life
- Recommendation for Application:** Grinding and finishing of heavy metals / Stainless steel parts and edge

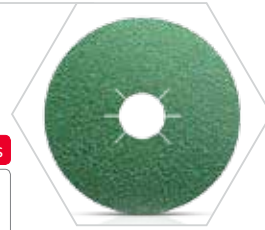
Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions
ZWR11	Fibre Discs	24 - 36 - 40 - 50 - 60 - 80 100 - 120	Vulcanized Fibre 0,8 mm.	Resin / Resin	Zirconia / Alumina	Disc & Roll	115 x 22 125 x 22 180 x 22



ZWR51

- High cut performance
 - Increased productivity
 - Cool cut
 - Extreme long life
- Recommendation for Application:** Grinding of high alloy / Stainless steel parts and edges, where heat absorbance is crucial

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions
ZWR51	Fibre Discs	24 - 36 - 40 - 50 - 60 - 80 100 - 120	Vulcanized Fibre 0,8 mm.	Resin/Resin/ Supersize Top Coating	Zirconia / Alumina	Disc & Roll	115 x 22 125 x 22 180 x 22



CER51

- Exellent grinding performance
 - Cool & aggressive cutting
 - Self sharpening effect
- Recommendation for Application:** Grinding and finishing of Stainless steel, high alloy steels, chrome, nickel, titanium

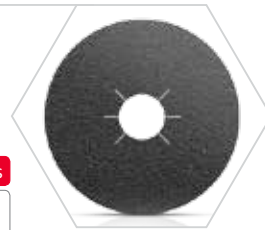
Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions
CER51	Fibre Discs	24 - 36 - 40 - 50 - 60 - 80 100 - 120 - 150	Vulcanized Fibre 0,8 mm.	Resin/Resin/ Supersize Top Coating	Ceramic / Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22



CWR11

- Aggressive cutting
 - Maximized cutting performance
- Recommendation for Application:** Sanding of ceramics, stone, marble, glass and metal

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions
AWR11	Fibre Discs	16 - 24 - 36 - 40 - 50 - 60 - 80 - 100 - 120 - 150 - 180 - 220 - 240 - 280 - 320 - 400	Vulcanized Fibre 0,8 mm.	Resin / Resin	Silicon carbide	Disc & Roll	115 x 22 125 x 22 180 x 22



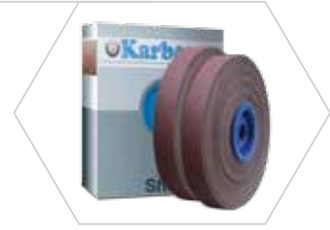
Grinding & Polishing

Abrasive Rolls

Shoproll

Backing: J Flexible Cotton
Suggested Application: Metal
Possible Application: Wood

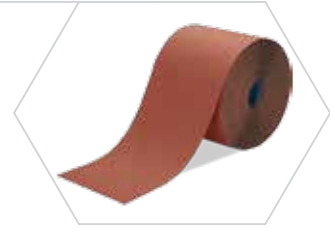
Item Code	Grain	Grit Range	Special Coating	Width (mm.)	Length (m.)
Shoproll	A/O	P 40-400	•	25 - 38 - 50 - 95 - 100 - 115 - 120 150 - 200 - 230 - 250 - 254 - 600	25 - 50



AJR 11

Backing: J Flexible Cotton
Suggested Application: Metal
Possible Application: Wood

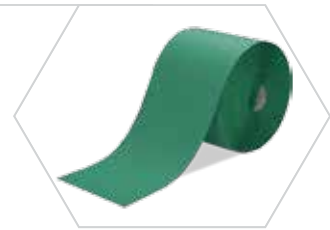
Item Code	Grain	Grit Range	Special Coating	Width (mm.)	Length (m.)
AJR 11	A/O	P 40-400	•	25 - 38 - 50 - 95 - 100 - 115 - 120 150 - 200 - 230 - 250 - 254 - 600	25 - 50



AJFR 11

Backing: J Super Flexible Cotton
Suggested Application: Metal / Stainless Steel
Possible Application: •

Item Code	Grain	Grit Range	Special Coating	Width (mm.)	Length (m.)
AJFR 11	A/O	P 60-600	•	100 - 120 - 150 - 200 - 250 - 600	25 - 50



Endless Belts

AXR 11

Backing: X Standard Cotton
Suggested Application: Metal
Possible Application: Wood / Plastic

Item Code	Grain	Grit Range	Special Coating	Most used dimensions
AXR 11	A/O	P 36-120	•	13 x 454 75 x 533 75 x 610 100 x 610 100 x 920



ZXR 11

Backing: X Stiff Cotton
Suggested Application: Metal
Possible Application: Wood

Item Code	Grain	Grit Range	Special Coating	Most used dimensions
ZXR 11	Z/A	P36-120	•	50 x 2000 75 x 2500 150 x 1000 100 x 3500



CXR 11

Backing: X Waterproof Cotton
Suggested Application: Glass / Stone
Possible Application: Plastic

Item Code	Grain	Grit Range	Special Coating	Most used dimensions
CXR 11	SiC	P60-400	•	30 x 533 100 x 1700 100 x 1830 100 x 3350



AA 24 S BF80

Specifications:

Inox cutting disc with its cutting speed on all types of stainless steel, gives you high performance and long product life. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use:

Thick profiles, pipes, every type of solid stainless steel.

Advantages:

- Economic
- Long life

Thinline

Specifications:

Inox Thinline cutting disc combines comfort and high cutting speed performance for all types of stainless steel. Thanks to its thin and strong structure, it gives confidence to the user. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use:

Pipe, profile, sheet plate and all general types of solid iron and steel.

Advantages:

- Economic
- Fast cut

Cut&Cut

Specifications:

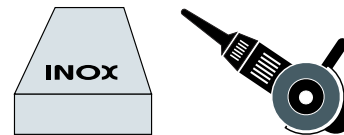
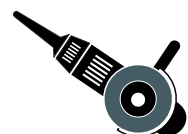
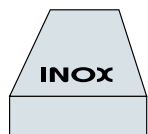
Cut&Cut Thinline cutting disc, combines comfort and high cutting speed performance for all types of iron and stainless steel. Thanks to its thin and strong structure, it gives confidence to the user. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use:

Pipe, profile, sheetplate and all types of solid iron and stainless steel. Can be used on non-ferrous metals such as titanium, copper, aluminium.

Advantages:

- Smooth cut
- Fast cut



Cutting Discs for Metal

A 36 T BF80

Specifications:

With its long life and fast cutting, it's a high performance disc for iron and steel cutting.

Where to use:

Especially for profile, pipe or general solid iron types and general construction steels.

Advantages:

- Economic
- Fast cut
- Long-life

Thinline

Specifications:

Metal thinline cutting disc is a high performance cutting disc which combines your comfort with its smooth cut for all iron and steel types. Thanks to its thin and strong structure, it gives confidence to the user.

Where to use:

Pipe, profile, sheetplate and all general types of solid iron and steel.

Advantages:

- Economic
- Smooth cut
- High fast cut



A 30 T BF80

Specifications:

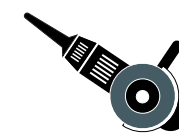
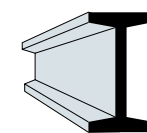
Industrial Metal Cutting Disc with its cutting speed on all types of steel in industry gives you high performance and long product life.

Where to use:

For every type of industrial iron and steel.

Advantages:

- Economic
- Easy to use on every type of industrial iron and steel
- Fast cut
- Long life



A 24 RS BF80

Specifications:

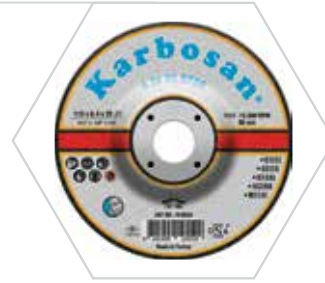
Metal grinding disc provides a high burr removal capability of general types of iron and steel to give maximum performance and long life.

Where to use:

Metal grinding of profile plates, rebar and steel structures, such as iron and steels. It's generally used for surface grinding, rust removal, welding burrs and in processes like grinding of edges and burring after iron foundry operations.

Advantages:

- Economic
- High burr removal capability
- Long life



A 30 Q BF80

Specifications:

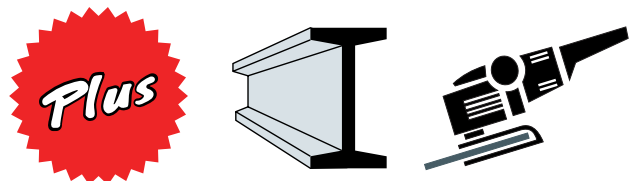
Metal Plus grinding disc provides a high burr removal capability of rail steels and high performance with long life for the general types of iron and steel, soft steels, hardened steels, cast irons, cast steel grades.

Where to use:

Metal grinding of profile, rebar and steel structures such as iron and steels, soft steels, hardened steels, cast iron and cast steel grades. It's also used for rail steels surface grinding, rust removal, welding burrs, grinding of corners, burring after iron foundry operations and surface grinding of iron rails.

Advantages:

- High burr removal capability
- Long life



AA 24 P BF80

Specifications:

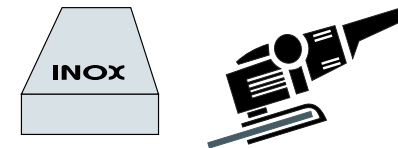
Stainless steel grinding disc provides a high burr removal capability and a maximum performance with long life for stainless steel materials; hardened steel and soft steel grades. It doesn't contain iron, so that it doesn't create the effect of corrosion on stainless steel surfaces.

Where to use:

It's especially convenient for stainless steel sheets, stainless steel plates, general types of construction steels, soft steels, hardened steels, rail steels. It's used for surface grinding, corner grinding, rust cleaning and in processes like burring after iron foundry operations and surface grinding of iron rails.

Advantages:

- High burr removal capability on stainless steel materials
- Long life



Grinding, Buffing & Polishing

Cloth And Sisal Polishing Buffs

Sisal / Cloth Wr & Only Cloth Wr Buffs

- Household goods, pots and pans, appliances
- Polishing Aluminium
- Brushing steel tubes
- Car parts



Material	Sisal + Cloth / only Cloth	
Outside dia. (mm)	350	400
Ply / Width	09 ply / 20 mm	09 ply / 20 mm
Bore dia. (mm)	180	
Fastener	EK Ring - EK 20 or Card Board stapled to reduce bore	
Std Cloths available	CHX (Stiff), CHX-Y (Yellow - Stiff)	
Impregnation for Sisal Cloth	Z (Slight Hard), Y (Medium Hard), H (Very hard), E (Red - Heavy duty)	
Density	4J	

Sisal, Sisal / Cloth Buffs

- Flat part processing, typically iron or stainless steel
- Processing Aluminium, non - ferrous metals
- Brushing steel tube



Material	Sisal & Sisal + Cloth						
Outside dia. (mm)	200	250	300	350	400	450	500
Bore dia. (mm)	76.5	76.2,127	127, 130	127,130,150,180	127,130,150,180	180,230	230
Ply / Width	08 Ply/18 mm						
Fastener	EK Ring - EK 13, EK 18, EK 20 or Card Board Stapled to reduce bor						
Impregnation for Sisal Cloth	Z (Hard - Light Yellow), Y (Medium Hard - Yellow), H (Very hard - Green), C (Dark Yellow Medium Hard), E (Red - Heavy duty)						
Density	J, 2J						

Cloth Ek Buff & Non Woven Buff

- Pots and pans finishing
- Holloware
- Sanitary fittings finishing
- Car parts processing
- Builders hardware processin



Material	Cloth						
Outside dia. (mm)	200	250	300	350	400	450	500
Bore dia. (mm)	76.5	76.2,127	127, 130	127,130,150,180	127,130,150,180	180,230	230
Ply / Width	02 & 04 Ply for NWA & 12 Ply/12 mm, 16 Ply/15 mm For Cloth EK						
Fastener	EK Ring - EK 13, EK 18, EK 20 or Card Board Stapled to reduce bore						
Std.cloth	CGX, CAX, CBX, CCX, CHX, CDX , CHXY , CCX-Y , WDR , POLY ,						
Std Non Woven Material	A2T (Coarse), A4T (Medium), A6T (Fine), A7T (Very fine)						
Impregnation/Treatment	Z (Slight Hard-Light Yellow - available on request)						
Density	2J, 4J						

Sisal, Sisal / Cloth Open Buffs

- Polishing Aluminium, non - ferrous metals
- Builders hardware
- Car parts



Material	Sisal + Cloth						
Outside dia. (mm)	200	250	300	350	400	450	500
Bore dia. (mm)	76.5	76.2,127	127, 130	127,130,150,180	127,130,150,180	180,230	230
Ply / Width	04 Ply/18 mm						
Fastener	EK Ring - EK 13, EK 18, EK 20 or Card Board Stapled to reduce bore						
Impregnation for Sisal Cloth	Z (Hard - Light Yellow), Y (Medium Hard - Yellow), H (Very hard - Green), C (Dark Yellow Medium Hard), E (Red - Heavy duty)						
Density	J , 2J (Open buff)						

Cool Air

- Specially designed for manual operatitons
- Pots and pans finishing
- Sanitary fittings finishing
- Car parts
- Builders hardware processing



Material	Cloth or Sisal Cord			
Outside dia. (mm)	200	250	300	350
Bore dia. (mm)	Pilot Bore ,Round (25 mm, 36 mm, 38 mm) Hex 19 mm, Hex 32 m			
Width/Section	01 Section (12.5 mm), 2 Section (25 mm), 3 Section(40 mm			
Fastener	Card Board stapled to reduce bore			
Std.cloth	CGX, CAX, CBX, CCX, CHX (Stiff), CDX, CHXY, CCX-Y, WDR, POLY			
Density	1J, 2J			

Grinding, Buffing & Polishing

Manual Polishing Programme

The manual polishing programme consists of 4 stages namely,

- Pre - Polishing
- Polishing
- Finishing,
- High gloss finishing



All these stages are accomplished with the help of various products offered by Osborn Lippert.

1. Pre - Polishing

Stitched sisal cloth mops Particularly useful for the following operations:

- First stage heavy duty mopping operations on steel and non-ferrous metals
- Removing grinding marks left from previous abrasive operations while processing stainless steel Supplied untreated or treated with one of the several impregnation options and available with various treatments.

Stitching available as - 3/8": Open, 1/4": Medium, 3/16": Close

Sr.No.	Description	Dimension
1	Outer Diameter	4", 6", 8", 10", 12"
2	Thickness	1/2", 1", 1.1/2", 2"
3	Inner Diameter	Pilot bore = 6mm
4	Impregnation	Orange, Simpol, Limpet, 8S, TS, HTS

2. Polishing

Stitched cloth mop B cloth & Superior B open mops

The best all round mops for finishing steel and brassware, nickel, silver, copper etc. and for finishing nickel and chrome deposits. they are also available in conveniently stitched sections.

- Is an ideal general purpose medium hardness mop
- It's used on brass, silver, copper, aluminium, chrome and plastic
- Available in loose discs also



Sr.No.	Description	Dimension
1	Outer Diameter	4", 6", 8", 10", 12"
2	Thickness	1/2", 1", 1.1/2", 2"
3	Inner Diameter	Pilot bore = 6mm
4	Impregnation	3/8": open, 1/4":medium, 3/16": close

3. Finishing

G open (1.) and G stitched (2.) mops

- Soft mop for polishing silver, plastics and brassware
- Used also for colouring of brass, copper and pewter after polishing
- Loose discs are also available
- Also available in smaller diameters with sewn centres

Sr.No.	Description	Dimension
1	Outer Diameter	4", 6", 8", 10", 12"
2	Thickness	1/2", 1", 1.1/2", 2"
3	Inner Diameter	Pilot bore = 6mm
4	Impregnation	3/8": open, 1/4":medium, 3/16": close

4. High gloss finishing

WDR / WC / WDF mops Super soft open mops for extremely fine finishing of precious metals such as gold, silver, very soft metals and plastics.

Sr.No.	Description	Dimension
1	Outer Diameter	4", 6", 8", 10", 12"
2	Thickness	1/2", 1", 1.1/2", 2"
3	Inner Diameter	Pilot bore = 6mm



Grinding, Buffing & Polishing Compounds

Liquid Paste Compositions / Liquid SOAPS

Liquid paste compositions are available to suit all applications from rough polishing to mirror finishing on all base materials from metals to plastic and wood. Osborn Lippert India also offers liquid compositions suitable for low and high pressure spray systems requiring special high viscosity compositions.



LU 2151 For heavy stock removal and prepolishing of ferrous alloys
 LU 2161 For prepolishing of ferrous alloys LU 2208 For medium duty stock removal and prepolishing of non ferrous alloys LU 2358 Final finishing for S.S., M.S. and non ferrous alloys and bright (White Tinge) mirror finish
 Coldax Cement -Cold setting cementitious adhesive which needs n. o
 Members of Jason Finishing Group
 Tampico Fibre Brush: Sink processing, cups and trophy finishing and holloware polishing. pre heating or curing. Used for loading optimum emery on bobbing wheels

Solid Bar Compositions / Solid Soap Bars

Solid bar compositions are available for both, manual polishing and automatic feed applications. The compositions cover the entire surface finishing process from rough polishing to mirror finishing.



LU 1130 For cut and colour actions in just one operation
 LU 1135 For heavy duty stock removal and polishing
 LU 1227 For prepolishing of aluminium and non ferrous alloys
 LU 1355 For final bright finish of various surfaces
 LU 1357 With very fine abrasive content for first class final bright (White Tinge) mirror finishing
 LU 1360 For first class final bright (Blue Tinge) mirror finish
 LU 1372 For finishing brass
 LU 1358 For first class final bright mirror finish on SS.

Coldax Cement

- Coldax Cement is a Cold Setting Cementitious Adhesive which is highly effective for Abrasive Coated Scurf Mops, Felt Bobs or other type of wheels
- It sets quickly and doesn't Softens under Heat.
- It is much stronger than Hide Glue which is traditionally being used.
- No prior heating required during application and is very easy to apply. It can be applied by a Ordinary Brush or by hands. Hands to be washed immediately with ample water.
- It contains no Ingredients of Animal Origin and hence does not deteriorate or emanate foul smell either before or during the application
- It saves Power as no heating is required + also saves abrasive / emery as the same once applied works longer
- A very good solution for Pre-Polishing or initial surface treatment with no fatigue



Coated & Bonded Abrasives

- Abrasive Belts: Bonded , Coated, Nonwoven Belts In Regular Sizes And Custom Sizes (On Special Requirements), 3M Trizact Belts, Scotch Belts.
- Flap Wheels: Grits 36, 60, 80, 100, 120, 180, 220, 320, 400, 600 Sizes: 4 Inches – 10 Inches From ½ Inch Diameter To 2 Inch Diameter.
- Rubber Wheels: Rubber Wheel Pneumatic Type and Flap Type.



Accessories

- Plating Jigs
- Titanium Baskets
- Titanium Strips & Rods
- Copper Bus Bars & Rods
- Brass Rods
- P.P, P.V.C & P.V.D.F Rods
- P.P, P.V.C & P.V.D.F Sheets
- Filter Cartridges, Paper & Cloth
- pH Meters & pH Papers
- Thickness Testers
- Hardness Testers
- Timer & Ampere Minutes Counters
- D.P.T Test Kits
- Laboratory Chemicals & Glass Wares
- Water Treatment Machines & Chemicals
- Effluent Treatment Plants & Chemicals
- Oven & Furnaces
- Activated Carbon
- Emery Powders
- Empty Drums, Cans & I.B.C Tanks





AL TAHER

الطاهر لتجارة الكيماويات ذ.م.م

Al Taher Chemicals Trading L.L.C