

Whatever the damage A good scrub will take care



Valgro-Fynex offers optimal answers to a huge range of finishing & surface preparation problems. They are being preferred by more and more industries as a superior alternative to traditional products in the field, owing to their technological efficiency and fineness.

Finally, we belong to the vision of becoming a lifelong credible partner for our customers.

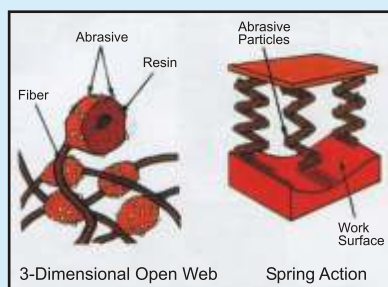
The Brush Factory

What is the Valgro-Fynex?

Valgro-Fynex is a three-dimensional non-woven abrasive material used in cleaning, finishing and general preparation of surfaces.

Valgro-Fynex material are converted into a range of different products, such as pads, rolls, discs, mops, wheels and brushes.

Each of these can be produced in a variety of grades, enabling a wide range of performance possibilities.



"Valgro-Fynex" is manufactured from three components.

- * The Fibre, which constitutes the bulk of its body
- * The Abrasive, which provides the grit
- * The Binding Resin, which bonds the constituents together.

Why use Valgro-Fynex?

Valgro-Fynex offers optimal answers to a huge range of finishing & surface preparation problems.

They are being preferred by more and more industries as a superior alternative to traditional products in the field, owing to their technological efficiency and fineness.

VALGRO ENGINEERS PRIVATE LIMITED

"valgro house", shailly, near bharat petroleum pump,
n.h. no - 8, virat nagar, ahmedabad - 382 350, india.
tel: +91-79-2297 2603, 4, 5 fax: +91-79-2297 2606

valgro@valgroabrasives.com
www.valgroabrasives.com
www.brushingmachine.com

video channel :
www.youtube.com/valgroabrasives



About Valgro

Valgro India engaged in manufacturing of surface conditioning abrasives brush & SCS Brushing machine. It has carved a niche in the competitive market place the years. The company is distinguished due to its adherence to high quality standard and ensuring complete client satisfactions. Valgro is renowned for its master workmanship.

Technological Advance

Valgro is the only company that provide total surface treatment solution. With a high-tech manufacturing facility. The company has consistently set standard in technology, innovation and products quality. They have continually set toughest of target and achieved high growth by keeping a tab on market and technological trends.

Services Support

Valgro has establish dedicated application experiment center to select the right products for specific need. Solving your deburring and Finishing problems is a matter of pride as well as a matter of professional honour for us.



Total Solution

Valgro provide professional and honest advice, tailored to your needs. Whatever your requirements, we will find a solution. Valgro has one of the best-performing and best-equipped factories in Asia for surface conditioning segment.

Undisputed Brand

Through continuous innovation and product developments, the company is poised to acquire leadership position in the industry. It ensures that you receive products of the highest quality and technical design. Moreover, the ISO certificate guarantees your immaculate and valued service.

A novel invention for metal surface preparation to remove Mill Scale, Rust, and Residues from Hot & Cold Rolled Sheet, Strips, Coil.



Rusty surface



Oil patch



Oxide surface



Un-pickled patch



Over pickled patch

Rust Resistance surface

Result at Valgro R & D Center

The most amazing property of surface condition steel is its ability to resist rusting without protective oil or coatings. After ordinary hot band has been surface condition processed, existing rust is removed and it WILL NOT RUST again if stored in a dry indoor environment.

Before

After



Low Carbon spring steel

Before

After



Hot roll High Carbon Steel

Before

After



Copper sheet / strip



Cold rolled strip



Oil Patch on cold roll coil



Brass sheet



Aluminium sheet



CR coil after color coating

- ◆ Does not use hazardous chemical;
- ◆ No Disposal restrictions from Pollution Control Board;
- ◆ Save the Building, Equipment, People, Land, Environment etc.;
- ◆ 70% Space save against traditional pickling line;
- ◆ Enhance production in current pickling process by Retrofitted EPMS Station;

Increases profits, Never before surface.

www.ecopickledsurface.com

www.brushingmachine.com

Passivactive Brightex for stainless steel



Your old degraded metal surface can bring to new life

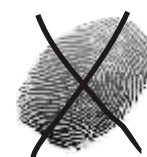
Brightex CB#44



DESCRIPTION : BRIGHTEX CB#44 is effective cream type Polymer based Organic Cleaner Tarnish, scale remover and surface conditioner polishing compound for metals. It can be easily applied by brush or applicator then rinse out with water which can selectively remove Oxides, Soils, Tarnishes, Fingerprints, Scales, etc. without any attack on the base metal. It is harmless and low inherent toxicity upon direct contact to skin and poses no serious disposal, and not corrosive to steels and other machine parts that come in contact with.

APPLICATION : BRIGHTEX CB#44 is ready-to-use cream applicable by wiping or Brushing with soft pads over the metal surface even inclined or vertical direction without dripping. Wipe over the whole surface with soft brush pad. Just wash out after that, depend on Tarnish level of the surface to be cleaned, reapplied where necessary then washed and dry completely, the surface will be totally clean, can be noticed from water film that formed over the surface during rinsing washing.

AntiStain Coat, No finger mark



STAYKLEAN XS-05

DESCRIPTION : STAYKLEAN XS-05 is translucent water based single component and multipurpose coating liquid to give crystal clear non-yellowing coating over most surfaces to protect the surface from getting stain. The uniquely blended STAYKLEAN XS-05 prevents tarnish, water stains for both oxide/tarnish and scale/deposit as well as finger print over metals surface too. The physical properties and chemical resistance of the crystal clear thin film form strong bonds integrated with the surfaces, providing long-term protection. The non-yellowing film formed will suit the outdoor surfaces too.

APPLICATION : STAYKLEAN XS-05 is ready to use. It is spray-able, paintable over contour surface or wipe-able over flat surface properly cleaned, degreased, dried without dust, grease, oil and tarnish-free neutralized surfaces.

• Coating layer is readily dried to touch at room temperature within 15 minutes. Hot air blower or drying in oven at 50°C for few minutes can be applied for faster drying, but matured coat properties achievable after leaving to cure further at room temperature for 48hrs.

Surface Conditioning Abrasives

PolyBond Unitized Deburring wheel & Mops

"Valgro-Fynex" Unitized mop & Wheel are made from the high durability unitized material, It can shaped or profiled for the finishing and deburring of precision parts and are perfect for those difficult to reach areas. That will improve the quality of finishing on any Metal without smearing.



- Deburring and blending which requires high RPMs
- Decorative finishing which requires low RPMs
- Polishing which requires high speeds and low pressures



Deburring:

- Aluminum die cast flashing
- Radius edges on precision machined parts
- Wire edges in surgical instrument
- Gears & aircraft wing spares
- Trailing and leading edges on turbine blades
- Breaking edges on aluminum extrusions

Blending :

- Blending and refining surfaces of jet blade airfoils
- Blending parting lines from casting parts / wrist watch cases
- Polishing welds on stainless steel jobs
- Removing minor pits, resins and adhesives over spray
- Removing punched hole burrs & coated abrasives' scratches of 120 grit

VXL DEBURRING WHEELS



Made with Valgro-Fynex heavy duty impregnated nylon fiber abrasives material wind on a resin core and bonding with together with high compress technology. Specially designed for medium to heavy deburring, High finishing and polishing effect on solid metal surface. We have three qualities of convolute wheels, Cut N Polish, Medium, Fine grade

Stainless steel Hairline Finishing brush

"Valgro-Fynex" Kombi Flap wheels are manufactured from closely packed strips of Valgro heavy duty material with the addition of a coated abrasive strip between each layer. The Valgro materials between the layers of coated abrasive provide a resilient backing that eliminates the layover effect encountered with conventional abrasives flap wheel.



The Valgro-Fynex metal surface combination system is the most versatile method for all applications where a linear scratch pattern required with reduces finishing cost. Whether you work in stainless steel, aluminum, brass, copper or other alloys.



FINISHING FLAP BRUSH Smooth and Superior Finish



It ensures a large variety of shadow-free finishes, ideal for polishing, blending, cleaning and brightening any metal surface for final operation. Provides uniform pressure to the entire surface for wonderful finishing.

SHAFT MOUNTED FINISHING WHEELS Especially useful in cleaning & finishing inaccessible areas

Removal of surface contaminates and residue of all type, surface preparation prior to plating / coating, cleaning before welding, brushed line finish on soft metal / woods Finish, matt finish on plastic and dairy equipment, cleaning copper electrical buss bars, satin finish on cutlery & kitchen equipments.



Deburring brush for automobile and Engineering Parts

NILOX ABRASIVES

WIRE BRUSH

Wide Face Cylinder Roller Brushes for steel plant



Nilox wide roller abrasives filament brush are widely used in steel plant for de-scaling, de-greasing and cleaning and graining operation for batter coating adhesion. Nilox filament bristle having 90% bend recovery with chemicals resistant power it can be used mild alkaline solution,

Circular abrasive wire Brushes



mainly used for cleaning, deburring for uneven component like, gears, chain sprocket, crank shaft, cam shaft, Engine block, Aluminum heat shrink, Aluminum engine cylinder, extrusion cut off burr.

Nilox Spindle Mounted inner dia deburring Brush



Nilox Spindle mounted filament abrasives wire brush are normally used for internal diameters cleaning and deburring like piston ring edge deburring, tube deburring. Abrasive nylon mandrel mounted brushes are safe, non-reactive and offer an excellent alternative to traditional steel filament brushes. The brushes have an integral 6mm shank which makes them ideal for use in automated and CNC equipment. Please consult the abrasive filament chart for other grits and abrasive types.

Nilox abrasive filament brush made with 100% dupont nylon 612 grade and mixture of abrasive grit. The abrasive grit is uniformly dispersed throughout the resulting filaments during extrusion process. Nilox brushes are safe, non reactive and offer an excellent alternative to traditional steel filament brushes. Good stiffness, wet or dry, lower moisture absorption, great bend recovery, batter chemical resistance and longer brush life is other benefits.

VMC Deburring Discs Brush



Solve many deburring, edge radioing, grinding and finishing problems. Their compliancy and filament nature accommodate part countour, prevent damage to value-added components, and make them ideal for robotic, semi and fully automated workstations.

Nilox End Brush



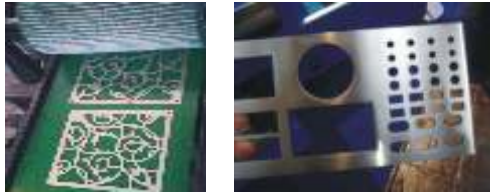
Deburring and Finishing Inner Dia. Or recesses of machine parts. Spot-facing drilled holes to remove burrs and edges, suitable for low speed CNC machining centers and portable tools.



Large Metal Finish Abrasive Roller Brush

For metal strips, sheets, stainless steel coils, cotters, sheet metal components and
Stainless Service Center

- Excellent grinding effect • Good brightness • Uniform surface quality
- Bright finish in single operation • Self dressing effect throughout the brush life



Deburring / Finishing

Laser Cutting, Punching, Shear Cutting,
Laser Oxide, Rust removal etc.



Polishing / Finishing / Brushing

Flat Sheet, Strips and coils,

Brush Finish: MATT, SATIN finish achieved by Valgro Non-Woven abrasive brush

Duplo Finish: Developed by Valgro Combi Kat brush with abrasive belt and Non-Woven material.

NO. 4 Hairline Finish: Achieve by Valgro combi brush with 120, 150 grit abrasives grit.



Blank & Coil De-greasing, De-scaling, Washing, Cleaning, Brushing

Valgro-Fynex High performance brush provide outstanding surface quality for the brushing process.

Valgro brush effectively remove un-pickled patch, Depth oxide, Rust, Oil Patch and any type of residue from sheet and coil lines. After brushing the blank or Strip is flushed again with washing medium on both sides.



Greatly improves your
surface treatment operation



De Greasing De Scaling Finishing Deburring Cleaning

Valgro - The complete surface conditioning solution



**"We Say what we do
and we do what we say"**

Everyone wins: Customer get exactly the products they want,
companies gain a competitive advantage

1. Surface Condition Abrasives Division

2. Surface Finishing machinery Division

Sheet Polishing Series

- Sheet polishing Machine
- Coil / Strip Polishing Line
- Round Tube polishing machine
- Square tube polishing machine
- Belt Sanding Machine
- Flat bar polishing Machine
- Aluminium Sheet polishing
- Copper bar polishing
- Aluminium Profile Polishing machine
- Project for steel processing center
- Project for coil polishing line
- Eco Pickle Line for steel plant

Deburring series

- Sheet metal parts deburring machine
- Edge Deburring machine
- Vibro deburring Finishing Machine
- Silicon Stamping deburring machine
- Auto Component deburring SPM

Washing & Cleaning machine

- De-scaling, de-greasing Machine
- Auto Component washing machine

3. Supporting Machinery

- Sheet protection Lamination machine
- Anti-finger coating machine
- Loading Unloading Vacuum lifter
- Dust collector system
- Hot Air Dryer system
- Conveyor System
- Range of abrasive brush & roller
- Ceramic media for vibro machine

4. Wood working machine

- Sanding machine
- Termite dust cleaning machine
- Complete range of PFS series Plywood, Furniture and Saw mill machinery

5. Ceramic tiles Polishing machine

- Green Tiles dust cleaning machine
- Fired tiles dust cleaning machine
- GVT Polishing machine
- Semi polishing machine
- Tiles Buffing machine

Valgro-Fynex : www.valgroabrasives.com

Valgro-Hyzer : www.brushingmachine.com