



INDUSTRIAL TAPES & COATINGS

www.anticor.com

XI 2013









ANTICOR company is one from greatest suppliers of self-adhesive tapes and protection coatings on the Central Europe market since 1991r. We offer the highest quality materials for branches as follows: electro technical, HVAC & air-conditioning, heat engineering, builder s, automotive, gas & fuel, chemical, water supply & sewage.

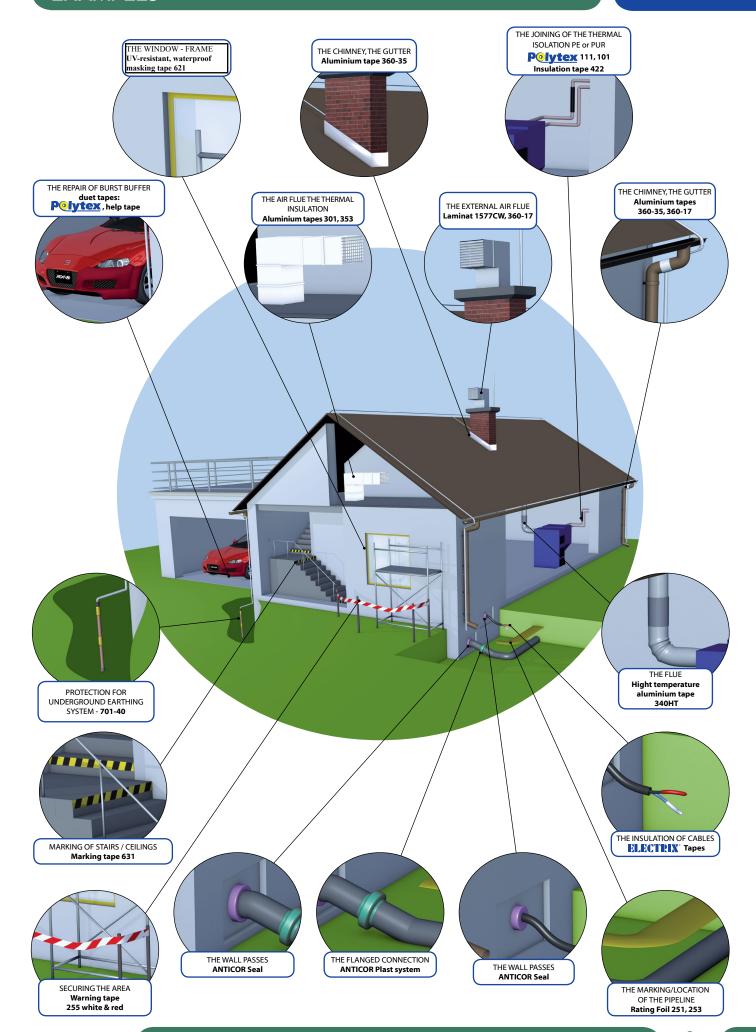
Our offer:

- 1. Tapes and electro technical materials: Electrix, Bishop.
- 2. Self-adhesive tapes: aluminium, aluminium & butyl rubber, duct tapes (Polytex).
- 3. Special coatings: Anticor GRP, laminate coatings.
- 4. The steel surface preparation devices: MBX® Bristle Blaster®.
- 5. Trainings we manage theoretical and practical trainings finished with the test checking, ended by certificate edition from the range of general corrosion problems. We organize technical symposiums and meetings.

We invite you to visit our websites:

www.anticorray.pl www.anticorplast.pl www.syntetix.pl www.anticorcim.pl www.helptape.com





ELECTROTECHNICAL TAPES FOR LOW VOLTAGE

ELECTROINSULATION

200 PREMIUM

COLOUR: white, blue, red, yellow, black SIZE: 19mm x 18m





Premium quality PVC Electrical Tape, thickness 0,18mm, self-extinguishing, frost resistant, waterproof, UV and ageing resistant, high resistant to water, soap solutions, oils, acids, alkalis and corrosive chemicals, very elastic. Available in 5 different colours and in multi-coloured sets.

COLOUR: black, blue, red, green, yellow, brown, white 201 SIZE: 15, 19, 25 i 50mm x 18.3m



PE Electrical Tape, thickness 0,19mm, frost resistant, waterproof, very elastic. Available in different colours and in multi-coloured sets.

202 SuperFlex COLOUR: black, white, blue, yellow, red size: 19mm x 20m • rainbow 19mm x 20m



Top quality PVC Electrical Tape, thickness 0,19mm, very elastic, resistant to: weather, abrasion, moisture, acids, corrosion, UV and ageing, self-extinguishing. Available in 10 different colours and in multi-coloured sets.

COLOUR: black, white, green, blue, violet, yellow, brown, red, yellow-green, grey SIZE: 15mm x 10m, 19mm x 20m • rainbow 15mm x 10m, 19mm x 20m



Electrical Tape, thickness 0,13mm, waterproof and selfextinguishing. Available in 10 colours and in multi-coloured sets.

SELF-BONDING

COLOUR: black with blue liner

SIZE: 19mm x 3.5m • 19, 25 i 50mm x 7.5m



Self adhesive, Self-amalgamating Double Sided, Electrical Tape, thickness 0,60mm, self-fusing, 3-layers, butyl rubber with a central polyethylene (PE) layer. Waterproof and resistant to corrosion and ageing, apply with 5% elongation.

COLOUR: black with purple liner SIZE: 19mm x 3.5m • 19mm x 7.5m



Self adhesive, Self-amalgamating polyisobutylene based medium voltage tape possessing excellent electrical, chemical and physical properties, self-fusing, thickness 0,76mm, resistant to deterioration, waterproof, applied with 100% elongation. Especially suitable for the insulation of very thin wires in areas with poor access.

PROTECTIVE

COLOUR: black 160 SIZE: 19mm x 10m



Woven Fabric Tape, thickness 0,25mm. Especially resistant to stretching and breaking. Adheres well to uneven surfaces. Wide constant operating performance range from -40°C to +105°C.

COLOUR: white SIZE: 19mm x 10m • 19mm x 20m



High temperature and high mechanical strength Electrical Tape. Provides excellent tear and abrasion resistance with a service temperature rating of 130°C, with thermosetting adhesive.

BT



The Splicing Kit for making muffs and repairing insulation of LV cables. Special advantages: each component is easy to use, gives the possibility to repair damaged cable without the section of all wires. Contains all dispensable auxiliary materials.

TECHNICAL DATA

			ELECTROINSULATION		SELF-	AMALGAMATING	PROTECTIVE		
Parameter	Values/units	200	201	202	211	221	222-PIB	160	277
Total thickness ±0.025	mm	0.18	0.19	0.19	0.13	0.60	0.76	0.25	0.18
Dielectric strength	kV/mm	39.3	48	49	46	25	35	-	15
Temperature range	°C	-18 do 105	-20 do 80	-10 do 85	do 80	-34 do 85	-40 do 90	-40 do 105	-35 do 130
Tensile strength	N/cm	30	21	34	35	35	18	75	97
Adhesion to steel	N/cm	2.2	4.4	1.6	1.6	-	-	2.5	1.8
Elongation	%	min. 260	160	380	220	150	600	15	5
Backing		PVC	PE	PVC	PVC	Rubber	Polyisobutylene rubber	Fabric based on viscose rayon	Fiberglass

ANTICOR

ELECTROTECHNICAL TAPES FOR MEDIUM VOLTAGE

COLOUR: black SIZE: 19mm x 20m



PVC professional grade, pressure sensitive Vinyl Electrical Tape. thickness 0,18mm, very elastic, resistant to: abrasion, moisture, acids, corrosion, all weather, UV and ageing. Self-extinguishing, flame retardant, gives excellent performance over a wide range of temperature -18 to +105°C. Can be used as primary

insulation for splices up to 600 Volts. Used as a protective outer jacket over splices and for all low temperature application.

COLOUR: black 85 SIZE: 19mm x 20m • 25mm x 33m



PVC professional grade, pressure Vinyl Plastic sensitive Electrical Tape, thickness 0,22mm, very elastic, resistant to: weather, abrasion, moisture, acids, corrosion, UV and ageing. Self-extinguishing, flame retardant, gives excellent performance over a wide range of temperature -18 to +105°C. Can be used as primary

insulation for splices up to 600 Volts. Used as a protective outer jacket over splices and for all low temperature application.

W963 COLOUR: black

SIZE: 19mm x 9m



Ethylene propylene rubber (EPR) High Voltage Tape, thickness 0,76mm, possessing excellent electrical, chemical and physical properties, resistant to: UV and ageing, moisture, acids, corrosion. Self-amalgamating tape that maintains a tight insulation build-up for void free electrical stability and permanent

resistance to moisture penetration. The excellent stretch permits fast taping speeds and uniform build-up with normal taping techniques, is compatible with all extruded dielectric cable insulations. For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts thru 35,000 volts. Due to its high stable mechanical and chemical properties, is ideal for cable jacket repair and restoration.

L969 COLOUR: black 19mm x 9m

SIZE:



Linerless EPR High Voltage insulating and jacketing Tape, thickness 0,76mm, possessing excellent electrical, chemical physical properties, resistant to: weather abrasion, UV and ageing acids, corrosion, moisture. flame retardant. Self-bonding tape that permits

much quicker taping speeds than a tape with a liner and yields a uniform, void-free build-up. The excellent stretch of tape allows conformability to the most complex shapes and contours. L969 is compatible with all extruded cable insulations and is specially formulated to have excellent thermal conductivity that will allow the heat to dissipate from a joint. It is flame retardant and meets typical industry standards. For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts thru 35,000 volts. Insulate and protect bus bars and joints.

COLOUR: grey 20 SIZE: 25mm x 9,1m



Silicone rubber Electrical, selfamalgamating Tape, chemically crosslinked silicone rubber tape, triangular cross-section and featuring a centerline for precise half-lapping. Track and erosion resistant, oil & UV resistant, fuses into a solid mass within minutes of application.

20 Plysil employs no adhesive coating, offering a non-contaminating self-cleaning surface which maintains a high tracking resistance. Temperature rating 180°C. Used for jacketing of high voltage terminations on extruded dielectric cables thru 69,000 volts. For insulating high temperature silicone insulated cables. A positive oil stop in the construction of transition splices.

7 COLOUR: black SIZE: 19mm x 4,6m



EPR based, self amalgamating and conducting tape, very elastic with good conducting properties, resistant to: moisture, acids and solvents, corrosion, weather, UV. Its unsupported construction makes it ideal for use on power cable where accommodation of expansion and contraction due to load

cycling is important. The excellent stretch of tape allows conformability to complex shapes. Is compatible with all extruded dielectric cable insulations. Used for electrostatic shielding on high voltage splices and terminations. Filling indents in compression connectors and rebuilding strand shielding on high voltage splices. Shielding bus and overhead connections.

SI7F: 125 COLOUR: black 38mm x 1.5m



Electrical Filler Tape is a butyl based insulating compound in a 1/8" thick tape form designed for quick, highly elastic, resistant to: UV and ageing, acids, corrosion, all weather. Highly moisture resistant, cost effective insulation buildups. 125 is a self-amalgamating compound that can be readily compressed and easy

molded by hand to conform to irregular shapes, used in conjunction with other insulating tapes for complete installation. Used for rapid insulation build-up thru 5kV. Do not corrode copper or aluminium. Can be used as a primary insulation for connections up to 5kV in conjunction with high voltage insulating tape or vinyl plastic electrical tape. It is ideal for covering split-bolt connections, padding bus-bar edges and connections, and sealing switchgear and transformer terminals.

SIZE: 25mm x 4,5m





15 PLybraid an all-copper knit-mesh designed to allow excellent conformability when hand-applied in the field. Special knit design allows easy application and provides positive metallic shielding. Used for high voltage

insulation shielding for splices and terminations of shielded cables.

TECHNICAL DATA

		ELECTROINSUTION		SELF-BONDING			SPECIALISTIC		
Parameter	Values/units	111	85	W963	L969	20	17	125	15
Total thickness	mm	0.18	0.22	0.76	0.76	0.50	0.76	3,2	-
Electric strength	kV/mm	-	-	31	41	24	-	23	-
Breakdown voltage	kV	10	11	-	-	-	-	-	-
Temperature range	°C	od -18 do 105	od -18 do 105	do 90	do 90	do 180	do 90	do 80	-
Tensile strength	N/cm	30	35	21	24	6	13	-	-
Elongation	%	300	250	750	1140	400	500	1000	-

Alumini⊙we

301 SIZE: 48, 75, 100mm x 50m



Utility grade aluminium foil tape. Used in HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket, duct board joints and seams, joining and sealing flexible air duct seams and connections. General purpose: holding, patching, sealing and masking applications - indoors & outdoors.

353 SIZE: 48, 75, 100mm x 50m



High quality foil-scrim aluminium tape with acrylic adhesive. Used in HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket, duct board joints and seams, joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

340HT SIZE: 48mm x 10m • 48mm x 50m



Heat shield tape/aluminium foil welding tape, with a high shear, high heat resistant acrylic adhesive system, with silicone release paper. The dead soft foil conforms well to irregular surfaces. Available with and without finger lift edge. Designed to adhere to ceramic welding rod and to resist the high temperatures incurred during the welding process. Also used

as a heat shield in automotive and other applications.





311LT SIZE: 48mm x 50m



A high strength aluminium foil tape with cold weather acrylic adhesive system, with silicone release paper. This adhesive combines high quick stick at low, normal and high temperatures along with excellent long-term performance at low temperatures and high humidity environments. Primarily used as a vapor sealing tape for

fiberglass ductboard, sheet metal ducts and FSK systems.

360-17

SIZE: 48mm x 31m • 72mm x 31m



Foilmastic, butyl rubber aluminium tape, for indoor or outdoor sealing of low, medium and high pressure HVAC duct systems (includes: metal duct, fiberglass duct and flexible duct systems). Used for: sealing cracks & seams in gutters, roof valleys, eaves, hips & ridges, around chimneys & vent stacks, leaks in vans, cars & trucks. Repair gouger, rips, tears in metal

panels of trailers, shipping containers & metal buildings, mobile home repair.

360-35 SIZE: 48, 102mm x 15m



Aluminium waterproof and sealing tape for indoor or outdoor used for: sealing of low, medium and high pressure HVAC duct systems, cracks and seams in gutters, roof valleys, eaves, hips & ridges, around chimneys & vent stacks, rooftop duct systems, leaks in vans, cars & trucks. Repair gouger, rips, tears in metal panels of trailers, shipping containers and metal buildings, mobile home repair.

INSTALLATION TAPE

422 COLOUR: grey SIZE: 30, 50mm x 33m



PVC adhesive installation tape, frost resistant.

Application: joining and sealing of pipes and channels of metal and plastics, combining and fixing of typical insulation materials, particularly polyurethane foam PVC jacket.

TECHNICAL DATA

Parameter	Values/units	301	353	340HT	311LT	360-17	360-35	422
Total thickness	mm	0.065	0.083	0.097	0.066	0.44	0.87	0.15
Temperature range	°C	-30 do 120	-30 do 120	-40 do 220	-44 do 120	-18 do 85	-18 do 85	-10 do 105
Tensile strength	N/cm	18	40	49	33	35	35	27
Adhesion to steel	N/cm	8.0	6.0	9.6	9.0	21.9	17.5	3.5
Elongation	%	3	3	4.4	5	-	-	240
Backing		Aluminium foil	Foil-scrim based on fiberglass mesh	Aluminium foil	Aluminium foil	Aluminium foil	Aluminium foil	PVC
		0.025	(scrim: 5x5mm)	0.05	0.03	0.05	0.05	

PETROLATUM TAPE – ANTICOR PLAST SYSTEM



ANTICOR Plast system is designed for protecting the underground for example: earthing, lighting protection system.

Anticor Plast system contains of the following components:

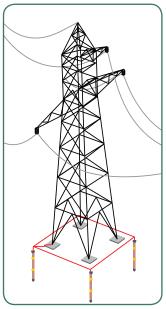
ANTICOR Plast products included corrosion inhibitors and antioxidants compounds.

The system gives an excellent protection against corrosion, is easy to apply, constantly plastic can be used in low temperatures (temperature range -34°C to +30°C), has a good electrical properties. Doesn't contain hazardous substances to the health and environment.

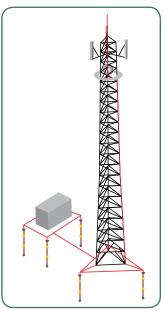




ANTICOR Plast 701-40 - tape for protection underground earthing system



Earthing system - power industry



Earthing system - telecommunication

COATINGS OF ALUMINIUM LAMINATE

$1577CW \stackrel{\text{COLOUR: silver smooth, silver embossed}}{\text{size: } 50,\ 100,\ 500mm\ x\ 50m}$

A five-ply laminate, made with 3 layers of aluminium foil (core & outer layers) and 2 layers of polyester film, coated with a special cold weather acrylic pressure sensitive adhesive system which combines superior quick stick at normal temperatures with superior low temperature performance below freezing. The construction of this specialty laminate makes it highly puncture and tear resistant as well as flame retardant. Water Vapor Permeability of zero perm. This tape is primarily used as a facing for insulation. It is also used as a low temperature vapour barrier joint closure system.

1579CW COLOUR: silver, white SIZE: 500, 1000mm x 50m

A 13-ply laminate (6 layers of aluminium foil, 4 layers of polyester film around a scrim reinforced core) coated with a special cold weather acrylic pressure sensitive adhesive system which combines superior quick stick at normal temperatures with superior low temperature performance below freezing. The construction of this specialty laminate makes it highly puncture and tear resistant as well as flame retardant.



This tape is primarily used as a facing for insulation. It is also used as a low temperature vapour barrier joint closure system.

 $\begin{array}{l} \textbf{1577CW-WM} \stackrel{\text{COLOUR: white}}{\text{size: 50, 100, 500mm x 50m}} \\ \textbf{1577CW-BM} \stackrel{\text{COLOUR: black}}{\text{size: 50, 100, 500mm x 50m}} \end{array}$

Chemical resistant, zero permeability vapour barrier for insulation cladding and jacketing applications. A multilayered, self adhesive material installs quickly and easily with no special tools required, resulting in significant time, labor, and cost savings. Exceeds most building code requirements and can be used for new construction as well as repair on existing structures.





TECHNICAL DATA

		COATINGS OF ALUMINIUM LAMINATE			
Parameter	Values/units	1577CW	1577CW-WM i 1577CW-BM	1579CW	
Total thickness	mm	0.13	0.18	0.40	
Temperature range	°C	-40 do 150	-40 do 120	-40 do 150	
Min. applying temperature	°C	-23	-23	-23	
Tensile strength	N/cm	122	125	288	
Adhesion to steel	N/cm	6.2	7.2	11.4	
Elongation	%	166	80	35	
Backing		Laminate	Laminate	Laminate	

101 COLOUR: silver SIZE: 48mm x 50m



PE typical cloth tape used for: packaging, bundling, sealing, seaming, repairing, holding & waterproofing, plumbing and asbestos abatement applications.

151 COLOUR: black size: 48mm x 55m • 48mm x 27.5m



Vinyl coated cloth gaffer's tape. Used for: bookbinding, repairing, bundling or wrapping wire, metals or plastics. Protecting & anchoring electrical wiring, moisture & dust-proof sealing of equipment cases and/or film canisters. Designed for exterior weather & temperature applications.

1 1 1 COLOUR: silver

SIZE: 48mm x 50m • 25, 48mm x 25m • 19, 25, 48mm x 9m • 38mm x 5m



PE professional cloth tape used for: industrial, carpet, plumbing, HVAC, sealing, waterproofing, patching and asbestos abatement applications.

MARKER-1



Device for application of self-adhesive tapes to the basis, eg. for marking communication routs of, inside the industrial halls, marking of positions and stalls or exhibition stands, etc.

Maximum roll width: 75mm, possible extend to 100mm.

118 COLOUR: black, red, yellow , blue, white, green size: $48\text{mm}\,\text{x}$ 50m \bullet $48\text{mm}\,\text{x}$ 25m \bullet 25, $48\text{mm}\,\text{x}$ 9m



PE professional cloth tape used for: HVAC, industrial, commercial, utilities, trucking & automotive, holding, securing, seaming, repairing, bundling, splicing, packaging, masking and as a moisture barrier.

Duct tapes do not require cutting devices, are easy to divide.



Marking areas of logistics

BUILDING TAPE

MASKUJĄCA MASKUJĄCA

621 COLOUR: yellow, white SIZE: 30, 38, 50mm x 25m

PVC Masking Tape, waterproof, UV resistant, ribbed.

Application: protection of woodwork with plastering, painting, superior at isolating colours on the external plaster. Does not leave glue for 21 days with external application.

TECHNICAL DATA

Parameter	Values/units	101	111	118	151	621
Total thickness	mm	0.18	0.23	0.25	0.29	0.13
Temperature range	°C	93	93	93	do 95	do 80
Tensile strength	N/cm	35	38	47	70	18
Adhesion to steel	N/cm	4.9	4.9	5.5	4.9	1.5
Backing		PE film with a polyester/cotton blend cloth carrier			Vinyl coated cotton cloth	PVC



ANTICOR Seal & Seal HT (Sealing compounds)

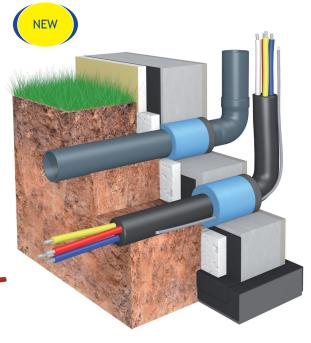
The sealing systems for pipes and cables passes.

Prevents against gas, moisture, standing water and groundwater penetrations.

Features:

- adheres to the wet and dry surfaces,
- water and gas impermeable,
- · requires minimal surface preparation,
- easy to apply,
- fast aplication
- long-term performance does not become hard,
- · non-toxic applicator and environment friendly,
- wide service temperature range: Anticor Seal (-15°C ÷ 60°C), Anticor Seal HT (-15°C ÷ 90°C),
- Anticor Seal is designed for gun application: aluminum foil cartridges 600ml and 310ml tubes
- Anticor Seal HT is designed for gun application: aluminum foil cartridges 600ml System ANTICOR Seal:
- 1. ANTICOR Seal 511 (fexible sealant)
- 2. ANTICOR Seal 505 (mortar).





MARKING & WARNING TAPES



251

Foil marking tape to routs of steel pipelines and electrical power cables.

Colour: red, blue, yellow.

Thickness:

0.08mm, 0.20mm, 0.30mm, 0.40mm, 0.50mm.

Width: 20cm, 30 cm, 40cm, 50cm.



252

Foil marking tape to routs of steel pipelines and electrical power cables with printing (e.g. GAS, WATERSUPPLY, SEWAGE, FIBER OPTIC CABLE).

Colour: yellow, blue, green, brown,

orange. Width: 20cm.





253

PE foil location tape to routs of steel pipelines and electrical power cables with stainless steel ply.

Colour: yellow, blue, green, brown,

orange. Width: 20cm.



254

Foil marking tape to routs of steel pipelines and electrical power cables with printing and with stainless steel ply.

Colour: yellow, blue, green, brown,

orange, red. Width: 20cm.



255

Warning tape to mark dangerous places.

Colour: white & red stripes, yellow & black stripes.

Width: 8cm.



		WARNING TAPE
Parameter	Values/units	631
Total thickness	mm	0.15
Temperature range	°C	-10 do 105
Tensile strength	N/cm	26
Adhesion to steel	N/cm	1.5
Elongation	%	230
Backing		PVC



50, 100mm x 33m

Self-adhesive tape for to the denotation of low ceilings, thresholds, stairs, degrees.

Colour: żółto-czarne. Width: 5cm, 10cm.



MBX® Bristle Blaster® "GREEN" SURFACE PREPARATION SYSTEMS



- surface preparation to Sa 2½
- roughness of the 100µm





UNDERSTANDING 3 KEY FEATURES OF THE BRISTLE BLASTING PROCESS

1. What is the Bristle Blasting Process?

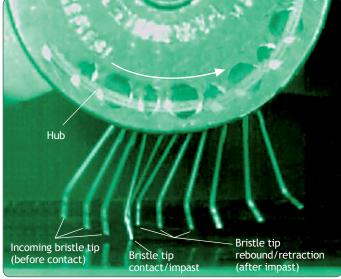
Bristle Blasting is a new process that uses a specially designed rotary bristle tool for achieving both corrosion removal and an anchor profile.

2. How does the tool perform blasting operations?

The rotating bristles are DYNAMICALLY TUNED to the power tool, which results in impact and immediate retraction of bristle tips from the corroded surface (see high speed photography).

3. How is this process similar to the abrasive grit blasting process?

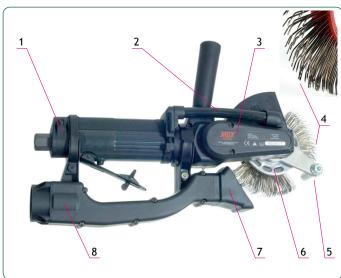
The bristle tips are designed to strike the corroded surface with kinetic energy that is equivalent to grit blast media, thereby generating a texture and visual cleanliness that mimics the grit blasting process.



Time-exposed high-speed photography of single bristle illustrating the approach, impact, and retraction of bristle tip from steel surface.

Frame rate: 30 000 frames/sec Hub speed: 2 500 rpm Impact duration: 0.0003 sec

Construction of MBX® Bristle Blaster® Industrial Pneumatic



- 1. Noise reduction.
- 2. Air cooling.
- 3. Special speed reduction for increased power.
- 4. Bristle Blaster® Belt (steel elements).
- 5. Accelerator bar.
- 6. Adaptor system.
- 7. Flexible intake.
- 8. Dust Exhaust system (included).



MBX® Bristle Blaster® "GREEN" SURFACE PREPARATION SYSTEMS

MBX® BRISTLE BLASTERS PERFORMANCE

- Corrosion, Mill Scale, and Coating Removal...
 Restores surface to near white/white metal visual standard.
- Improved Integrity of Treated Surfaces...
 Generates compressive residual stress along treated surface for crack growth resistance, improved fatigue life, and improved corrosion resistance.
- Surface Texture Anchor Profile...
 Roughness capability from 40-120 microns also on weld seams.
- Negligible Heat Generation...
 Surfaces free of thermal damage/heat marking.
- Eco-friendly...
- "Green" surface treatment, does not use/produce hazardous materials.
 Simple Economical...
- Eliminates the need for complex and costly abrasive blast equipment.







Newly developed Bristle Blasting

EQUIPMENT AND ACCESSORIES

MBX® Bristle Blaster® Set

With drive unit pneumatic



With drive unit electric



MBX® Bristle Blaster®

Width: 11mm

Spring Wire Diameter 0.7mm, specially hardened shaped, D:115mm



Width: 23mm Spring Wire Diameter 0.7mm, specially hardened and shaped, D: 115mm



MBX® Adaptor System

Width: 11mm, 23mm Aluminum casting



MBX® Quick Add Width: 11mm, 23mm



TECHNICAL DETAILS

MBX® Bristle Blaster® Industrial Pneumatic



Parameter	Unit	Values
Free speed	rpm	3 500
Required air pressure	bar	6.3 5.2 bar (75 PSI) > Brislte Blaster Belt 23/11mm
Average air consumption	L/min	500
Required interior air hose size	cal	3/8"
Weight	kg	1.2

MBX® Bristle Blaster® Industrial Electric



Parameter	Jednostki	Wartości	
Free speed	rpm	3 200	
Voltage rating	٧	240 (±10%)	
Amperes	А	2 (±15%)	
Weight	kg	2.2	



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