

ANTICOR®

TAPES AND COATINGS INDUSTRIAL

2023



www.anticor.pl

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WOODWORK UV-resistant,
waterproof masking
tape 621

THE AIR FLUE THE THERMAL
INSULATION **Alumini** 301, 353,
371 & 374 laminate

THE JOINING OF THE THERMAL
INSULATION PE or PUR **Polytex**
100, 111, 118, Insulation tape 422

REPAIRS OF MIRROR, BUMPER,
FUEL INJECTION
Polytex 111, 112, 118 & 119

THE CHIMNEY,
THE GUTTER
Alumini 360-17

THE FLUE high
temperature aluminium
tape **Alumini** 339HT

THE MARKING/LOCATION
OF THE PIPELINE
Marking Foil 251, 253

PROTECTION FOR UNDERGROUND
EARTHING
ANTICOR Plast system 703-40

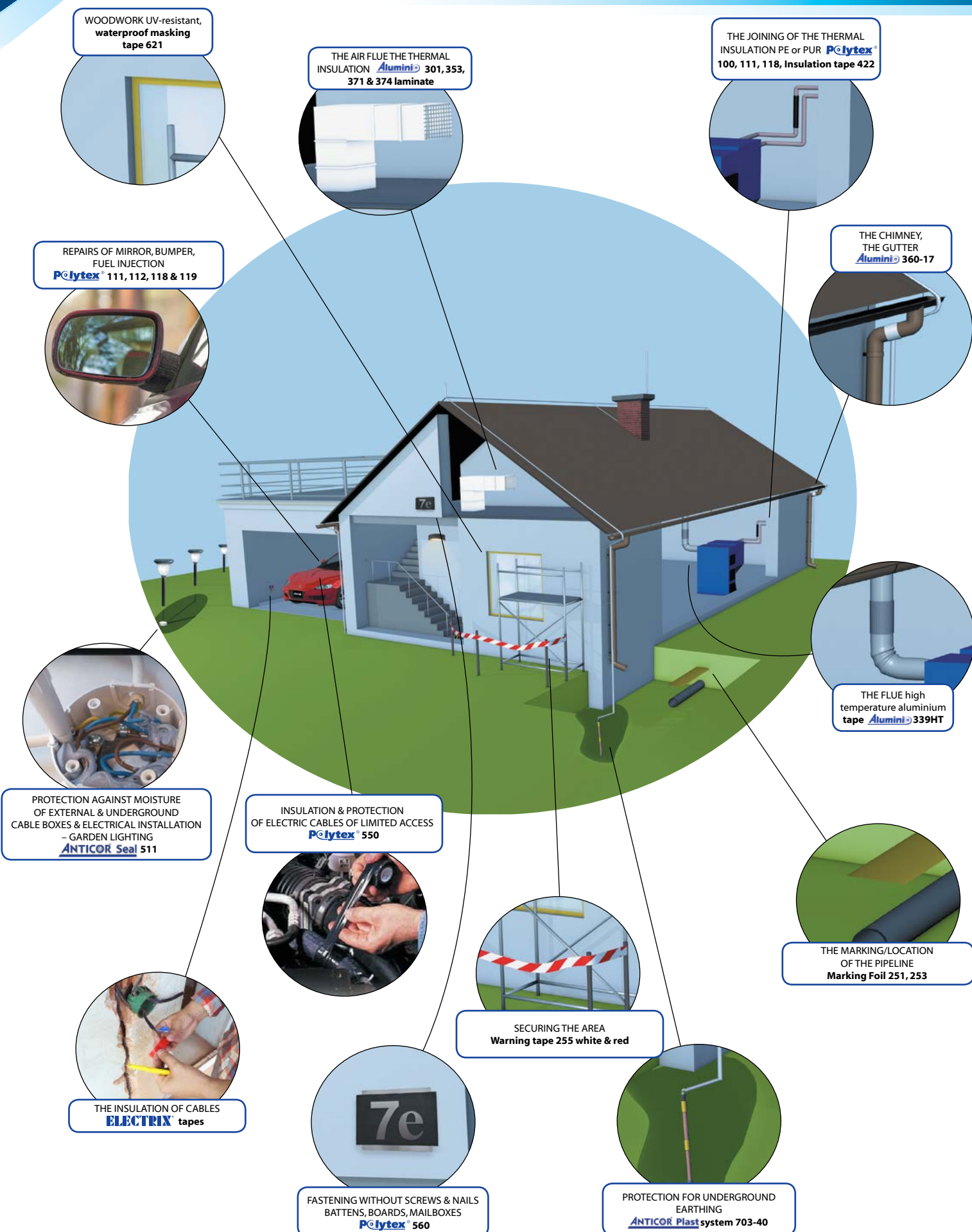
FASTENING WITHOUT SCREWS & NAILS
BATTENS, BOARDS, MAILBOXES
Polytex 560

SECURING THE AREA
Warning tape 255 white & red

INSULATION & PROTECTION
OF ELECTRIC CABLES OF LIMITED ACCESS
Polytex 550

PROTECTION AGAINST MOISTURE
OF EXTERNAL & UNDERGROUND
CABLE BOXES & ELECTRICAL INSTALLATION
- GARDEN LIGHTING
ANTICOR Seal 511

THE INSULATION OF CABLES
ELECTRIX tapes



Electrotechnical tapes - for low & medium voltage



ELECTRIX® 200 PREMIUM

Premium quality PVC electrical tape, highly flexible and elastic, perfectly adapts to the irregular shapes and surfaces, self-extinguishing. Frost resistant, waterproof, weather resistant (including UV & ozone), resistant to ageing, moisture and abrasion. Highly resistant to oils, soap solutions, acids, alkalis, and corrosive chemicals. Available in 5 different colours and in multi-colored sets. **Application:** insulation and bundling wires, repairing of damaged insulation, strengthening of insulation in automotive electrical systems.



ELECTRIX® 202 SuperFlex

Top quality PVC electrical tape, highly flexible and elastic, perfectly adapts to the irregular shapes and surfaces, self-extinguishing. Frost resistant, waterproof, weather resistant, resistant to ageing, moisture, acids, and abrasion. Available in 5 different colours and in multi-colored sets. **Application:** insulation and bundling wires, repairing of damaged insulation, strengthening of insulation in automotive electrical systems.



ELECTRIX® 211

PVC common use electrical tape, very elastic, self-extinguishing, and waterproof, weather resistant. Available in 10 colours and in multi-colored sets. **Application:** insulation and bundling wires, repairing of damaged insulation, coding, and marking wires by colours.



ELECTRIX® 222-PIB

Self-adhesive, self-amalgamating polyisobutylene based medium voltage tape with outstanding corona resistance, resistant to ageing, moisture, and weather (including UV & ozone). Waterproof, possessing excellent electrical, chemical, and physical properties, self-fusing, resistant to deterioration. Applied with a tension that lengthens at least 100% and minimum 50% overlap. **Application:** especially suitable for the insulation of very thin wires in areas with poor access. Designed for insulating and jacketing of splices on power cable up to 45kV, for building stress cones and jacketing of terminations on power cable up to 35kV. Moisture seal for telephone joints and other waterproofing needs. Insulates and protects bus components. Providing water-tight wire connections for water-supply systems, water pumps and repairs of other operating devices in an aqueous medium etc.



ELECTRIX® 225-PIB

Ultra-thin self-adhesive, self-amalgamating polyisobutylene based medium voltage tape with outstanding corona resistance, resistant to ageing, moisture, and weather (including UV & ozone). Waterproof, possessing excellent electrical, chemical, and physical properties, self-fusing, resistant to deterioration. Applied with a tension that lengthens at least 100% and minimum 50% overlap. **Application:** especially suitable for the insulation of very thin wires in areas with poor access. Designed for insulating and jacketing of splices on power cable up to 45kV, for building stress cones and jacketing of terminations on power cable up to 35kV. Moisture seal for telephone joints and other waterproofing needs. Insulates and protects bus components. Providing water-tight wire connections for water-supply systems, water pumps and repairs of other operating devices in an aqueous medium etc.



BISHOP W963

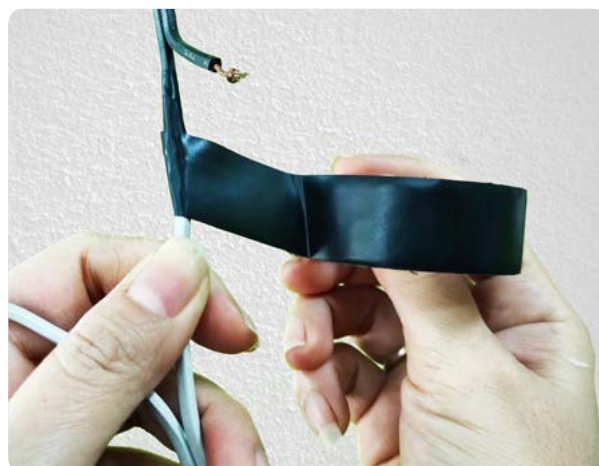
Ethylene propylene rubber (EPR) high voltage tape, thickness 0.76 mm, possessing excellent electrical, chemical, and physical properties, resistant to ageing, short-term temperature of 130°C, partial discharges, weather resistant (including UV and ozone). It reacts into contact with oil superficially, i.e. it can be used in oil sockets on traditional cables. Reeled up with a pull that causes a color change to gray, it gives a homogeneous layer without air bubbles. 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. **Application:** for insulating and jacketing of splices on power cable (1-69 kV), for building stress cones and jacketing of terminations on power cable (1-35 kV). Due to its high stable mechanical and chemical properties, is ideal for cable jacket repair and restoration, for waterproofing.



ELECTRIX® 160

Woven fabric tape with high tensile and tear strength. Perfectly adapts to the surface of irregular shapes and surfaces, oil resistant with anti-aging performance. Wide constant operating performance temperature range. Easy to use: no cutting tools necessary and no twisting or curling during application. **Application:** specially designed for automobile wire harness, fixing cables and wires, bundling cables, very good additional mechanical protection of cables in difficult conditions.

Electrotechnical tapes - for low & medium voltage



Type	Backing	Size (mm x m)	Total thickness (mm)	Colour	Dielectric strenght (kV/mm)	Breakdown voltage (kV/mm)	Temperature range (°C)	Tensile strenght (N/cm)	Adhesion to steel (N/cm)	Elongation (%)
200 Premium	PVC	19 x 18	0.18	black, red, blue, white, yellow	min. 8.0	min. 8.0	-18÷105	min. 30	min. 2.2	min. 260
202 SuperFlex	PVC	19 x 20	0.19	black, red, blue, white, yellow	≥ 40	-	to 80	min. 25	min. 1.75	min. 180
211	PVC	15 x 10, 19 x 20	0.13	black, red, blue, white, yellow, green, grey, purple, brown, yellow-green	≥ 40	min. 5.2	to 80	min. 15	min. 1.0	min. 150
222-PIB	Polyisobutylene rubber	19 x 3.5, 19 x 7.5, 25 x 7.5, 50 x 7.5	0.76	black	min. 35	-	-40÷90	min. 2.4 MPa	-	min. 700
225-PIB	Polyisobutylene rubber	19 x 5, 19 x 10, 25 x 10, 50 x 10	0.50	black	min. 35	-	-40÷90	min. 2.4 MPa	-	min. 700
W963	EPR rubber	19 x 9	0.76	black	min. 39.5	-	to 90	min. 2.3 MPa	-	min. 950
160	Fabric based on viscose rayon	19 x 10	0.25	black	-	-	-40÷105	min. 75	min. 1.2	max 15

Sealing mass ANTICOR Seal 511

Reliable sealing compound



**100% WATERPROOF
STOP WATER**

PERMANENTLY FLEXIBLE

DOES NOT BREAK

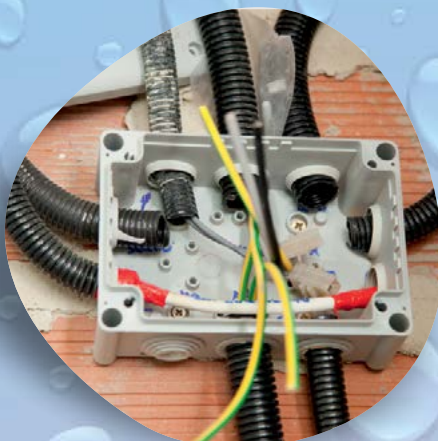
DOES NOT HARDEN

DOES NOT DIVIDE

RESISTANT TO AGEING

DOES NOT CONDUCT ELECTRICAL CURRENT

SAFE PRODUCT - PZH CERTIFICATE



ELECTRICAL CABLE BOXES

**ELECTRICAL
& TELECOMMUNICATION
INSTALLATIONS**

CONDUITS IN LAGGING

PROTECTIVE PIPES

Sealing mass ANTICOR Seal 511

ANTICOR Seal 511

Permanently plastic, sealing mass with high adhesion to concrete, ceramic, plastics and metal surfaces, etc.

Used for:

- Sealing and filling outdoor and underground electrical cable boxes, electrical and telecommunication installations, conduits in lagging and protective pipes, etc.
- Sealing and filling outdoor or underground hollow spaces of pipes or cable wall inlets against moisture, pressurised or standing water.
- Any other section that need to be sealed and protected against water and corrosion.

Features & Advantages

Does not harden,
remains permanently
flexible and elastic



Fills and seals hollow
spaces against water
and moisture



High adhesion to concrete,
ceramic, metal and plastic
surfaces



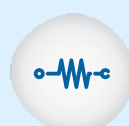
Safe - does not contain
components hazardous
to humans
and the environment
(PZH Certificate)



Easy and fast application
The compound is re-usable



100% waterproof



Cross resistivity
 $1.4 \times 10^{12} \Omega\text{m}$
(EN-06043-1, IEC 60250)



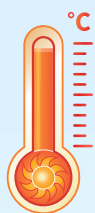
Dielectric
properties



Wide temperature
range: -15 to 50°C



Packaging: cartridge 310 ml
Application by a caulking
gun for tubes 310 ml



NOTE:
Before application
product should be
preheated to a temperature
of $30 \div 40^\circ\text{C}$.



 anticorseal.pl

Industrial tapes - Polytex®



Polytex® 550

TESTED IN EXTREME CONDITIONS

Silicone tape for insulation and repair with high tensile strength and excellent flexibility in extreme temperatures. Insulates wires in hard-to-reach places. It has very good electrical insulating properties. Resistant to aging, acids, fuels, oils and solvents, moisture, sea water and UV radiation, pressure and tension. It does not require any special additional surface preparation. Universal and easy to use. **Application:** for sealing, repair and protection of water installations, hoses and electric wires, cable and telecommunication connections, pipes, overhead duct connections, channels. Perfect for repairing insulation and joining equipment cables operating in water environment, pumps water etc. Stops water under pressure up to 8 bar. Perfect for recreating silicone insulation of power and automotive cables and wires, in the automotive industry (e.g. a leaking radiator hose).



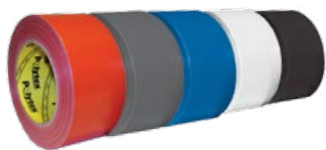
Polytex® 560

Double-sided mounting tape (polyolefin foam) with high bonding force, for secure and quick fastening flat objects without using bolts, screws, or even nails. Particularly useful for making advertising, in the furniture industry, building & construction industry, automotive, household, etc. Perfectly combines ceramic, glass, wooden, steel, and most plastics (PVC, PP, PE, PMMA) surfaces. High quality polyolefin foam adapts to rough and uneven surfaces. High initial bond strength with low pressure. The strength of the bonding does not change during operation. High adhesive strength also on substrates with low surface energy. Resistant to moisture. High static shear resistance.

DUCT TAPES Polytex® NO CUTTING TOOLS NECCESARY



Type	Backing	Size (mm x m)	Total thickness (mm)	Colour	Temperature range (°C)	Tensile strenght	Elongation (%)
550	Silicon rubber	25 x 3	0.5	black	-60÷260	700 Psi	min. 300
560	PE foam	19 x 1.5, 19 x 5, 19 x 10	1.0	white	-40÷100	1.6 MPa	max 300



Polytex® 100

Typical and universal duct tape, tear-resistant, however, it can be easily divided without the use of any cutting tools, it allows to carry out repairs quickly and reliably or to join different elements together. **Application:** holding, securing, seaming, repairing, bundling, splicing, packaging, masking and as moisture barrier. Joining and tightening thermal insulation. Tightening air-conditioning and ventilating ducts (HVAC).

- Different width and length of rolls.
- "Must have" at home, in a workshop or in a car.
- Joins, sticks, seals and masks.
- Easily fits into irregular shapes.
- No cutting tools required.
- „Safe tape” - meets RoHS and Reach requirements.
- Available in 5 different colors: silver, red, blue, white, and black.



Polytex® 111

Repair duct tape used in work requiring strength and precision. 50% thicker than traditional repair tapes. Thanks to the use of high-quality adhesive based on natural rubber and reinforcement of cotton and polyester, we have obtained a tape with high adhesion strength and tear resistance, and working at temperatures up to 93°C. **Application:** holding, securing, seaming, repairing, bundling, splicing, packaging, masking and as moisture barrier, tightening air-conditioning and ventilating ducts (HVAC), joining and tightening thermal insulation.

- Provides maximum fastening force.
- Provides strong and thorough repairs in most different conditions.
- Can be used up to 93°C.
- Works in a wide variety of applications.
- Immediate and reliable bonding effect.
- Easy to divide both longitudinally and transversely.
- Suitable for temporary and long-term use.
- „Safe tape” - meets RoHS and Reach requirements.
- Available in gray color.



Polytex® 112

DON'T WAIT, TRY IT NOW!

Gray repair duct tape for temporary and long-term use. Thanks to the applied reinforcement in the form of a cotton-polyester mesh and an adhesive based on synthetic rubber, the tape stands out by high adhesive strength and high tear resistance. At the same time, it can be easily divided both along and across. **Application:** holding, securing, seaming, repairing, bundling, splicing, packaging, masking and as moisture barrier, joining and tightening thermal insulation, tightening air-conditioning and ventilating ducts.

- High fastening force and tack.
- Suitable for temporary and long-term use.
- Easy to divide both longitudinally and transversely.
- Can be used at temperatures up to 80°C.
- "Must have" at home, in a workshop or in a car.
- Works in a wide variety of applications from bonding to temporary repair.
- „Safe tape” - meets RoHS and Reach requirements.
- The tape is available in gray color.

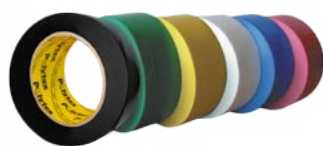


Polytex® 118

Professional duct tape with exceptional adhesive, strength and mechanical resistance to tearing and abrasion. Wherever the adhesive strength is required with the possibility of easy and clean removal of the tape, use Polytex 118. Makes the work easier and eliminates the need of cleaning the surface of the adhesive. Due to its properties, the tape can be used for temporary and semi-permanent purposes, indoors and outdoors. **Application:** holding, securing, seaming, repairing, bundling, splicing, packaging, masking and as moisture barrier. It is ideal for marking communication routes and temporary stands in production in industrial hall and safety zone etc. Joining and tightening thermal insulation, tightening air-conditioning and ventilating ducts (HVAC).

- Recommended for the temporary marking of communication routes.
- Can be used up to 93°C.
- Suitable for temporary and long-term use.
- Works in a wide variety of applications.
- Immediate and reliable bonding effect.
- Easy to tear without any cutting tools.
- Can be used both inside and outside.
- "Must have" for temporary automotive repairs.
- Provides maximum fastening force.
- Provides strong and precise repairs in most conditions.
- „Safe tape” - meets RoHS and Reach requirements.
- Available in 6 different colors: red, green, blue, white, yellow and black.

Industrial tapes - Polytex®



Polytex® 119

DON'T WAIT, TRY IT NOW!

Dust tape with very high adhesive strength. It is characterized by high resistance to tearing and abrasion. It can be used for marking technological lines, as well as communication routes and stations. Additionally, the tape can be used as a seal for ventilation and air conditioning systems, for installation and repair of thermal insulation. Maximum working temperature up to 60°C. **Application:** repairing, bundling, splicing, packaging, masking and as moisture barrier. Joining and tightening thermal insulation, tightening air-conditioning and ventilating ducts (HVAC).

- Provides high clamping force.
- Ensures reliable and accurate repair in a variety of conditions.
- Recommended for temporary marking of communication routes and technological lines.
- Can be used at temperatures up to 80°C.
- Suitable for temporary and long-term use.
- Immediate and reliable bonding effect.
- Easy to tear without any cutting tools.
- Can be used both inside and outside.
- "Must have" for temporary automotive repairs.
- „Safe tape“ - meets RoHS and Reach requirements.
- The tape is available in 6 different colors: red, green, blue, white, yellow and black.



Polytex® 151

Vinyl coated cloth Gaffer's tape. Thanks to the use of a special vinyl coating that does not reflect and does not create light reflections, and it is dedicated to use in cinema and theater. High mechanical strength and resistance to abrasion allows it to be used to protect wires and cables on theatrical stages and concerts. **Application:** basic tape for the stage designers and the interior decorators. Winding, fastening of cables, metal and plastic elements. Protection, fastening and anchoring electrical wiring and sound cables. Protection and camouflage of cables and shiny elements on scenes, platforms. Protection before impurities and the moisture of film cases, the film accessories on location, cable installations and the equipment during concerts.

- Provides maximum fastening force.
- Provides protection in most conditions.
- Recommended for scenography and cinema.
- Can be used up to 93°C.
- Suitable for temporary and long-term use.
- Provides effective mechanical protection of film installations and equipment.
- Easy to tear without any cutting tools.
- Can be used both inside and outside.
- „Safe tape“ - meets RoHS and Reach requirements.
- Available in black colors.

Type	Backing	Size (mm x m)	Total thickness (mm)	Colour	Temperature range (°C)	Tensile strenght (N/cm)	Adhesion to steel (N/cm)	Elongation (%)
100	Foil PE laminate cotton cloth	48 x 50	0.16	grey, blue, black, red, white	-20÷80	min. 24	min. 4.8	max 12
111	Foil PE laminate cotton cloth	48 x 50	0.23	silver	0÷93	min. 45.5	min. 8.76	max 20
112	Foil PE laminate cotton cloth	48 x 50 48 x 9	0.23	silver	-20÷80	min. 36	min. 8.0	max 12
118	Foil PE laminate cotton cloth	48 x 50	0.25	black, green, yellow, red, white, blue	4÷93	min 45.5	min. 6.02	max 17
119	Foil PE laminate cotton cloth	48 x 50, 48 x 9	0.23	black, green, yellow, red, white, blue	-20÷80	min. 36	min. 8.0	max 12
151	Vinyl coated cotton cloth	48 x 50, 48 x 25	0.29	black	4÷93	min. 73.55	min. 5.47	-



DUCT TAPES

Polytex[®]

112i119

I'M ON IT ALREADY,
AND YOU?

Aluminium tapes, laminates - Aluminio



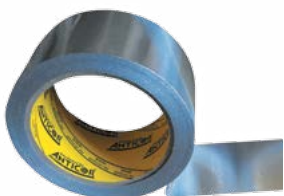
Aluminio 301

Utility grade smooth 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. It has high adhesion in a wide temperature range (it can be applied at -20°C, it does not peel off at low temperatures). Provides protection against moisture, contamination and mechanical damages. Perfectly adheres and fits on uneven surfaces. Resistant to weather conditions (including UV and ozone) and also aging.



Aluminio 353

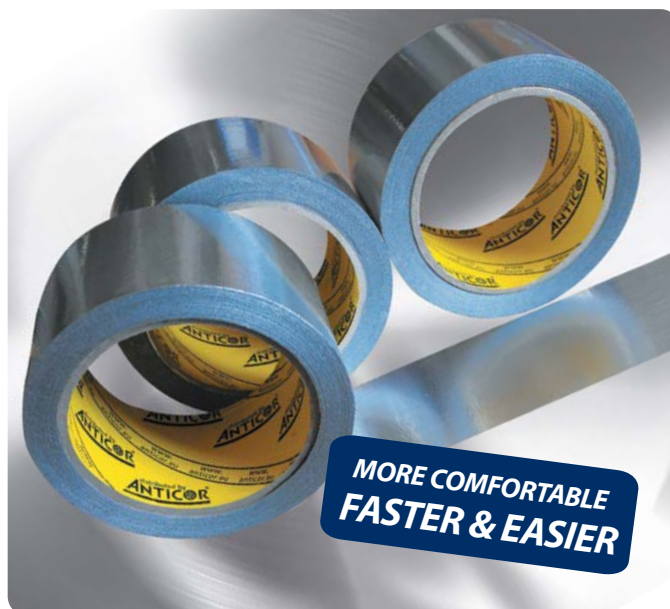
Reinforced foil-scrim high quality aluminium tape with acrylic adhesive. Used in HVAC industry for joining, repairing and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket, duct board joints and seams, joining and sealing flexible air duct seams and connections. In addition, it is used for repair and masking. It has good adhesion over a wide range temperature (it does not come off at low temperatures). Provides protection against moisture and pollution, and most of all, it is characterized by high mechanical strength. Perfectly fits and fits on uneven surfaces. Resistant to weather conditions (including UV and ozone) and aging. It provides excellent reflection of both heat and sunlight



Aluminio 371

DON'T WAIT, TRY IT NOW!

Linerless aluminium tape reinforced with PET foil combined with a high performance solvent acrylic adhesive, combined with laminate of high damage and breaking resistance. Perfect for repairs in HVAC, solar systems and in the refrigeration industry. PET-Foil backing provides an excellent reflection of both heat and light. It is characterized by a very high resistance to mechanical damage and tearing. Resistant to weather conditions (including UV and ozone) and aging. High quality adhesive with a strong adhesion and holding power provides permanent sealing and bonding. Good ageing resistance. Very low permeability vapour transmission rate. Excellent sealing and patching performance. Holds at low temperatures. Very good adhesion to irregular profiles and surfaces. Excellent for fixing cooper tube of refrigerator. Used for: joining, masking and sealing Polyester-foil laminated insulation pipe's joints and seams, sealing solar-reflecting board's seams. General purpose: holding, patching, sealing and masking application – indoors and outdoors. The tape does not have a liner, which eliminates inconvenience during application. Micro-incisions on the side edges of the tape allow easy cross-cutting of the material, thus eliminating the need for additional cutting tools.



Type	Backing	Size (mm x m)	Total thickness (mm)	Backing thickness (mm)	Colour	Temperature range (°C)	Tensile strenght (N/cm)	Adhesion to steel (N/cm)	Elongation (%)
301	Aluminium foil	48 x 50, 75 x 50, 100 x 50	0.060	0.025	silver	-35÷120	min. 18	min. 4.8	max 3
353	Foil-scrim based on fiberglass mesh (scrim: 5x5 mm)	48 x 50, 75 x 50, 100 x 50	0.083	-	silver	-35÷120	min. 40	min. 6.0	max 3
371	Aluminium laminate	48 x 50, 75 x 50	0.065	0.028	silver	-30÷100	min. 26	min. 4.8	max 20

Aluminium tapes, laminates - Aluminio



Aluminio 339HT

Heat shield tape/aluminium foil welding tape, with a high shear, high heat resistant acrylic adhesive system, with silicone release paper. Perfectly adheres and adapts to uneven 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. Used to connect thermal insulation in fireplaces, chambers and heating channels as a insulation of heating devices. To be used as a heat deflector. Used for heat screens. It is a thermal shield in the automotive industry. Mainly intended for the protection of elements exposed to high temperatures. It has high adhesion and resistance in a wide temperature range (temporary temperature resistance +200°C for 1h). Complies with fire resistance requirements (UL, BVYS, R8780). Provides protection against moisture, contamination and mechanical damages. Chemical and weather resistant (including UV and ozone) and aging.



Aluminio 360-17

Foilastic, 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. The tape can be covered with paint. Provides protection against contamination and mechanical damage. It immediately adheres and conforms to uneven surfaces, creating a durable and tight barrier against water, moisture, and air. Solvent resistant, to adverse weather conditions (including UV and ozone). Maintains good adhesion at low temperatures.



422

Installation tape, self-adhesive PVC, used in HVAC for joining and sealing metal and plastic pipes and channels. Perfect for joining, combining, and fixing common materials insulating, in particular made of polyurethane foam PVC jacket. Easy to apply, has good adhesion and flexibility. Excellent electrical insulation, self-extinguishing, resistant to moisture, chemicals, and aging.



Type	Backing	Size (mm x m)	Total thickness (mm)	Backing thickness (mm)	Colour	Temperature range (°C)	Tensile strenght (N/cm)	Adhesion to steel (N/cm)	Elongation (%)
339HT	Aluminium foil	50 x 50, 50 x 10	0.10	0.050	silver	-20÷155	min. 25	min. 6.0	max 5
360-17	Aluminium foil	48 x 31, 72 x 31	0.43	0.051	silver	-28÷93	min. 35,03	min. 21.88	-
422	PVC	30 x 33, 50 x 33	0.15	-	grey	0÷80	min. 15	min. 1.0	min. 150

Aluminium laminate - Aluminio 374

Aluminio 374

Universal self-adhesive aluminum laminate coating, a four-ply laminate made with 2 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. Very high resistance to aggressive weather conditions (including UV and ozone). Water Vapor Permeability of zero perm. This tape is primarily used as a facing for insulation. It is an alternative solution to metal sheets. It is also used as a low temperature vapour barrier joint closure system. The entire shell is light, easy to transport and install at the destination. **Application:** as a protective coat sealing for thermal and cryogenic insulations used in external and internal installations in air conditioning, ventilation, heating and other technological lines



Type	Backing	Size (mm x m)	Total thickness (mm)	Colour	Temperature range (°C)	Tensile strenght (N/cm)	Adhesion to steel (N/cm)	Elongation (%)
374	Aluminium laminate	50 x 50, 100 x 50, 600 x 50	0.145	silver	-35÷120	min. 120	min. 8.0	min. 25

INSTALLATION INSTRUCTION

Surface preparation

Ensure that all surfaces are dry and clean, free from dust, oil and grease/silicone. All insulation should be taped securely (Polytex or Alumino self-adhesive tapes), giving an even surface for the Aluminio 374 application. All adhesives work best when firmly „wetted out“ to the substrate surfaces. When applying, partly peel back and crease the liner so enough adhesive is available to attach the Aluminio 374 in the correct position. Then, with a spreader, progressively remove the liner while smoothing, until the entire sheet has been applied.

The coating is installed correctly, when there are no folds on the overlap and no air bubbles.

When applying Aluminio 374 sheet onto a continuous surface until it meets itself, a 3 inch (75 mm) overlap is recommended to give a strong, weatherproof seal. Plan the wrap so that the edge of the sealing flap faces down.

Application to rectangular ductwork

On ductwork over 32 inches (80 cm) wide, it is recommended that the top be crowned (pitched), to allow water runoff, preventing pooling. For fast, easy application, Aluminio 374 should be applied to each of the sides separately, starting with the bottom surface, then the sides, and finally the top (**Pic 1**).

When applying to rectangular ductwork, apply to the bottom surface first, bringing the 3 inch (75 mm) overlap up, onto the sides. Next apply Aluminio 374 to the vertical surface, bringing the 3 inch (75 mm) overlap over onto the top surface. Finally, apply Aluminio 374 to the top of the duct, spreading toward the edges before trimming at the corners (**Pic 2**).

Application to pipe / circular section ductwork

On straight pipe, cut Aluminio 374 to the desired length (pipe circumference), plus an additional overlap of 3 inches (75 mm). Apply the next piece allowing a 3 inch (75 mm) overlap onto the previous section (**Pic 3**).

On bends and elbow configurations, precover the pipe insulation with Aluminio 374. Cut out the required shapes to cover the segments of the bends and elbows and apply (**Pics 4 and 5**).

Application to ductwork reducer

Starting from the bottom, work upwards allowing an overlap of 3 inches (75 mm) onto adjacent surfaces. First apply Aluminio 374 to surface No.1, and overlap onto each adjoining surface. Apply Aluminio 374 to surface No.2, and overlap onto surfaces no. 3, 4, and 5, sealing onto the overlap and trimming flush at surface no. 1, to achieve a neat, secure finish (**Pic 6**).

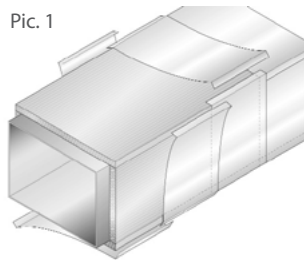
Apply Aluminio 374 to surface no. 3 in the same manner as to surface no. 2, but seal onto the overlap and trim at surface no. 2. Finally, apply Aluminio 374 to surfaces no. 4 and 5 as with other rectangular ductwork. On reduced pipe, apply Aluminio 374 first to surface no.1, overlapping onto surface no. 2. Cut shape no. 2, allowing for 3 inch (75 mm) overlap, and apply to surface no. 2, overlapping onto section no. 1. Apply Aluminio 374 to surface no. 3 overlapping and sealing onto section no. 2. Finally, apply to surface no. 4, overlapping and sealing onto section no. 1 (**Pic 7**).

On „tee“ sections, make appropriately configured templates of Aluminio 374, leaving a 1 inch (25 mm) overlap (**Pic 8**).

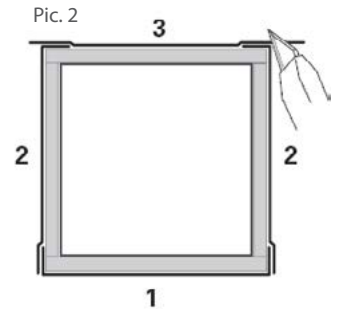
Repair of Aluminio 374

Should damage occur, simply ensure that the surface is clean, and apply a new section of Aluminio 374 over the damaged area, to a minimum of 3 inches (75 mm) past the damage site (**Pic 9**).

Pic. 1



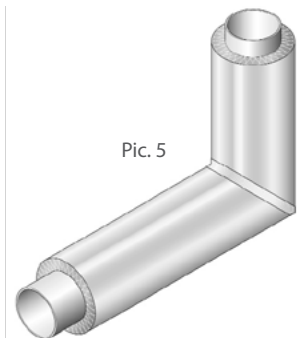
Pic. 2



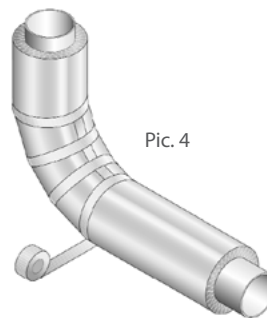
Pic. 3



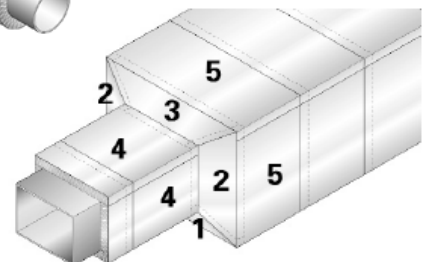
Pic. 5



Pic. 4

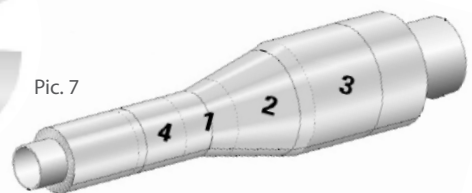


Pic. 6

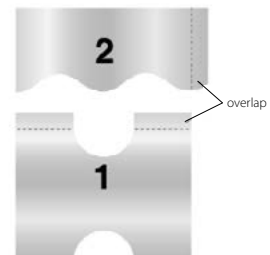


2

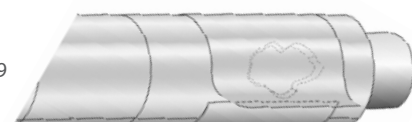
Pic. 7



Pic. 8



Pic. 9

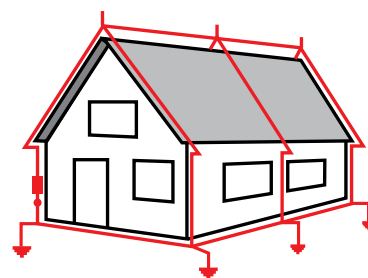
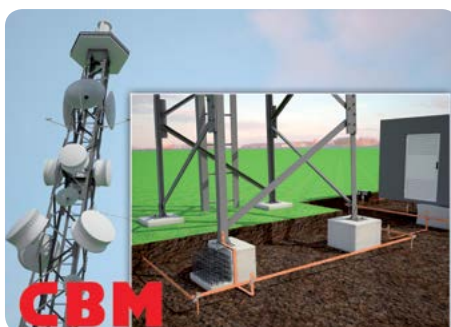


Earthing connection system - ANTICOR Plast



ANTICOR Plast 703-40

ANTICOR Plast tape is designed for protection of underground earthing connection systems (bolted, welded and bonded). Product is permanently plastic, contains corrosion inhibitors, perfectly adapts to different shapes of surfaces. It provides effective moisture barrier, it is easy to apply also in low temperatures.



CBM Technology - underground connection of earth electrodes

ANTICOR Plast 703-40 tape for protection of underground earthing systems.



Insulating foundation earth electrodes.

Source: Mały dom szkieletowy „Budowa domu szkieletowego odc. 4 Uziom parafundamentowy”. <https://www.youtube.com/watch?v=14twp1mVQqQ>



251

Marking tape

Colour: red, blue, yellow, orange.

Thickness:

- 0.08 mm red, blue, yellow, orange,
- 0.20 mm red, blue,
- 0.30 mm red, blue,
- 0.40 mm red, blue,
- 0.50 mm red, blue.

Width: 200 mm, other dimensions upon request.



252

Marking tape **with the inscription.**

Colour: red, blue, yellow, brown, orange.

Thickness:

- 0.08 mm (red, blue, brown, orange)
- 0.30 mm (yellow)

Width: 200 mm, other dimensions upon request.



253

Location tape **with a stainless-steel insert** (10 mm).

Colour: red, blue, yellow, brown, orange.

Thickness: 0,08 mm.

Width: 200 mm, other dimensions upon request.



254

Warning and location tapes with overprint and a stainless-steel insert (10 mm).

Colour: red, blue, yellow, brown, orange.

Thickness: 0,08 mm.

Width: 200 mm, other dimensions upon request.

Application:

- In the **gas industry** for marking the course of gas pipeline routes.
- In the **power industry** for marking cable routes, available in **blue** (up to 1 kV) and **red** (above 1 kV). The colours and thickness of the tapes used to mark power networks are consistent with the standards depending on the rated voltage of the network.
- In **water supply and sewage systems** for marking the water supply or sewage network for early warning of the existence of the above-mentioned network.
- In **telecommunications** for marking and locating telecommunications cables.
- For **district heating**, for marking the district heating network.

Notes:

Yellow tapes are produced in accordance with the **ZN-G-3002:2001** standard, update **ST-IGG-1002:2011**.

Orange tapes have the opinion of the **ZDBŁ in Warsaw**.

Tapes with a thickness of ≥ 0.3 mm have an approval for compliance with the **SEP-E-04 standard**.

Marking tape should be placed at least 30 cm over electric cable or pipeline in the ground.



255

Warning and barrier tapes.

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

Thickness: from 0.08 mm to 0.5 mm.

Width: 80 mm, other dimensions upon request.

Application:

- For securing and cordoning off dangerous places.
- For fencing off the work site located outside the road in places not intended for vehicle traffic or parking, pedestrian traffic.



„Green“ surface preparation systems Bristle Blaster®

„Green“ surface preparation systems Bristle Blaster®

What is the Bristle Blasting Process?

Bristle Blaster® is a device for the treatment of metal surfaces. It provides preparation of the surface comparable to blasting, obtaining the required roughness (surface development) and the degree of cleanliness Sa 2½ ÷ Sa 3 (EN ISO 8501).

How does the tool perform blasting operations?

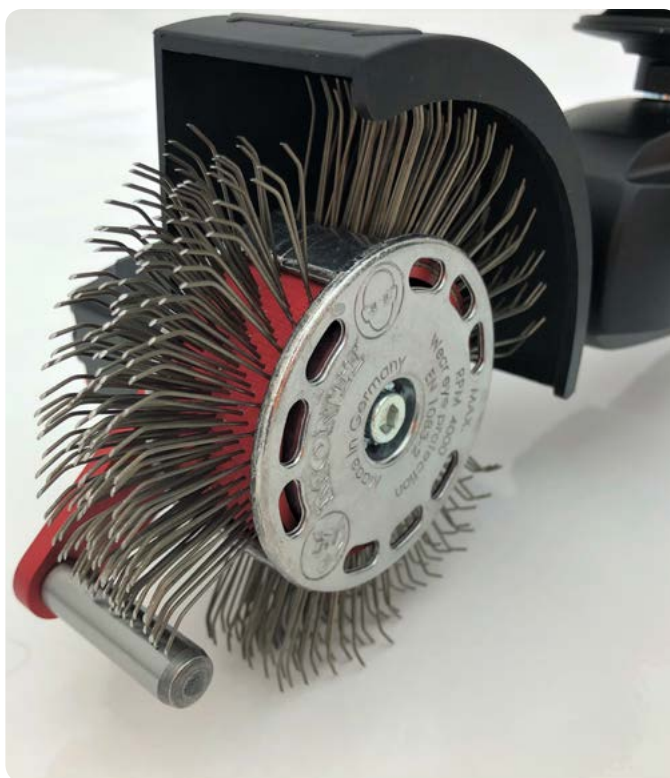
The working elements (spring wires with hardened ends) rotate dynamically to the power tool. Before contact with the surface those wires are mechanically tighten by the accelerator bar, as a result they dynamically hit the corroded surface and immediately retract, causing micro-cavities as in grit blasting.

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.

Features:

- **Corrosion, Mill Scale, and Coating Removal.**
Restores surface to near white/white metal visual standard Sa2½ ÷ Sa 3.
- **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 to 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.





Bristle Blaster® Spring Wire

Spring wire \varnothing 0.7 mm, specially hardened and shaped, D: 115 mm.
Width: 11 mm, 23 mm.



Bristle Blaster® Industrial Pneumatic

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

Bristle Blaster® Set

- **Bristle Blaster® Electric** – Including: Bristle Blaster Drive Unit Electric 220 V (with special seed reduction); Adaptor System 23 mm; Accelerator Bar for 23 mm Belts, 10 pcs; Bristle Blaster Belts 23 mm; packed in a Blow Mould Case.
- **Bristle Blaster® Pneumatic** - Including: Bristle Blaster Drive Unit Pneumatic (with air cooling, noise reduction, dust exhaust, special gear reduction); Adaptor System 11 & 23 mm; Accelerator Bar for 11 & 23 mm Belts, 5 pcs; Bristle Blaster Belts 23 mm, 5 pcs; Bristle Blaster Belts 11 mm; Air Pressure Regulator (silver) 11 mm; Air Pressure Regulator (blue) 23 mm, incl. couplings and nipple; packed in a Blow Mould Case.
- **Bristle Blaster® Cordless Set:** Bristle Blaster® Cordless, battery drive, incl. Dead man's switch, protection cover, vibration absorbing handle, safety hook, extra internal thread for alternative handle position, Accelerator bar, steel, for 23mm-belts, 1 MONTI Adaptor System, 5 Bristle Blaster® belts, steel, 23mm, packed in a solid PE tool case, without Battery and Charger or Bristle Blaster® Cordless Set with 1 Battery LiHD 18 V, 5.5 Ah, 1 Battery Fast Charger, 12 – 36 V, air-cooled.



Bristle Blaster® Industrial Pneumatic is ATEX approved for use in Zone 1 (potentially explosive) atmospheres in accordance with Ex II 2G c IIA T4 X.

For more information see the catalogue: **BRISTLE BLASTING POWERTOOLS.**



Adaptor System

Width: 11 mm, 23 mm.



Bristle Blaster® Industrial Electric

Test	Unit	Value
Free speed	RPM	3 200
Voltage rating	V	240 (±10%)
Amperes	A	2 (±15%)
Weight	kg	2.2

Quick Add

Odlew aluminiowy
Width: 11 mm, 23 mm.



Bristle Blaster® Cordless

Test	Unit	Value
Battery voltage	V	18
Max output	W	700
Free speed	obr./min.	2.300
Vibration	m/s ²	4
Weight (without battery)	kg	2,2

The logo features the word "ANTICOR" in white, bold, sans-serif capital letters. A registered trademark symbol (®) is positioned at the top right of the "R". The letter "O" is replaced by a white globe icon with latitude and longitude lines. Below the text is a thick yellow horizontal bar. The entire logo is set against a dark blue rectangular background.

ANTICOR[®]

We are united by professionalism

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