SAGOLA®

AUTOMATIC SPRAY GUNS

V series

SAGOLA®

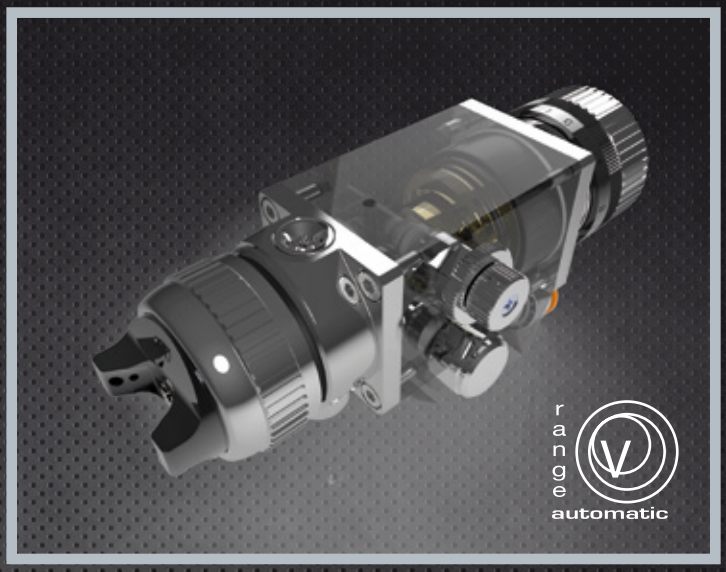
New range of Automatic spray guns

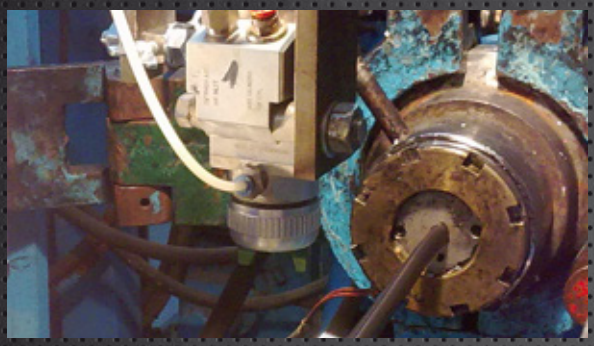
THE NEW V RANGE OF AUTOMATIC SPRAY GUNS HAS BEEN DESIGNED AND MANUFACTURED TO CARRY OUT THE VERY **HIGHEST QUALITY** TASKS.

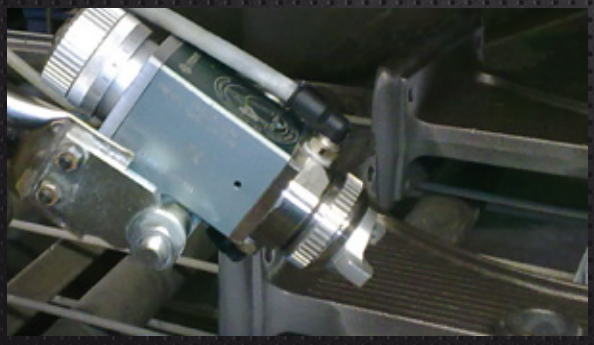
THIS NEW FAMILY OF TOOLS AIMS TO COVER A WIDE VARIETY OF PRODUCT APPLICATIONS, INCLUDING COOROSIVE AND ABRASIVE PRODUCTS.

IT IS DESIGNED TO WORK WITH BOTH WATERBORNE AND SOLVENT-BASED PRODUCTS.

ITS CONSTRUCTION IS CHARACTERISED BY THE REMARKABLY SMALL NUMBER OF PARTS THAT NEED MAINTENANCE, WHICH MAKES IT EXTREMELY RELIABLE, KEEPING DOWNTIME TO A MINIMUM.







THE NEW RANGE EMBRACES ALL KNOWN SPRAY PRODUCTION SYSTEMS:

MEDIUM PRESSURE, HVLP, EPA and MIX.

EACH ONE IS AVAILABLE IN MULTIPLE VERSIONS:

SPECIAL FOR CORROSIVE PRODUCTS, ABRASIVE PRODUCTS, SPECIAL FOR ROBOTS,...

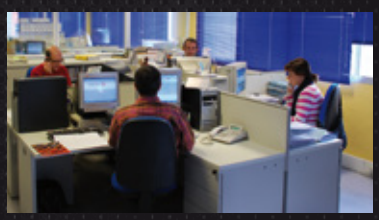
IN A WORD, THIS NEW RANGE OF SPRAY GUNS WILL COVER ALL FUTURE PRODUCTION LINE PAINTING NEEDS.

WARRANTY

SAGOLA provides a 3-years guarantee with the main products. We know this is the best way of showing our customers that we believe in our products.

3 years warranty SAGOLA

SAT Technical Assistance Service



w w w . s a g o l a . c o m

Great advantages

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The new V SERIES of spray guns incorporates a **NEW SYSTEM OF REGULATION** allowing the achievement of better finishes and higher performance in any kind of application employing any kind of product.

Paint flow regulator

with integrated adjustable micrometer for a precise and homogeneous paint regulation of all the guns in the line.

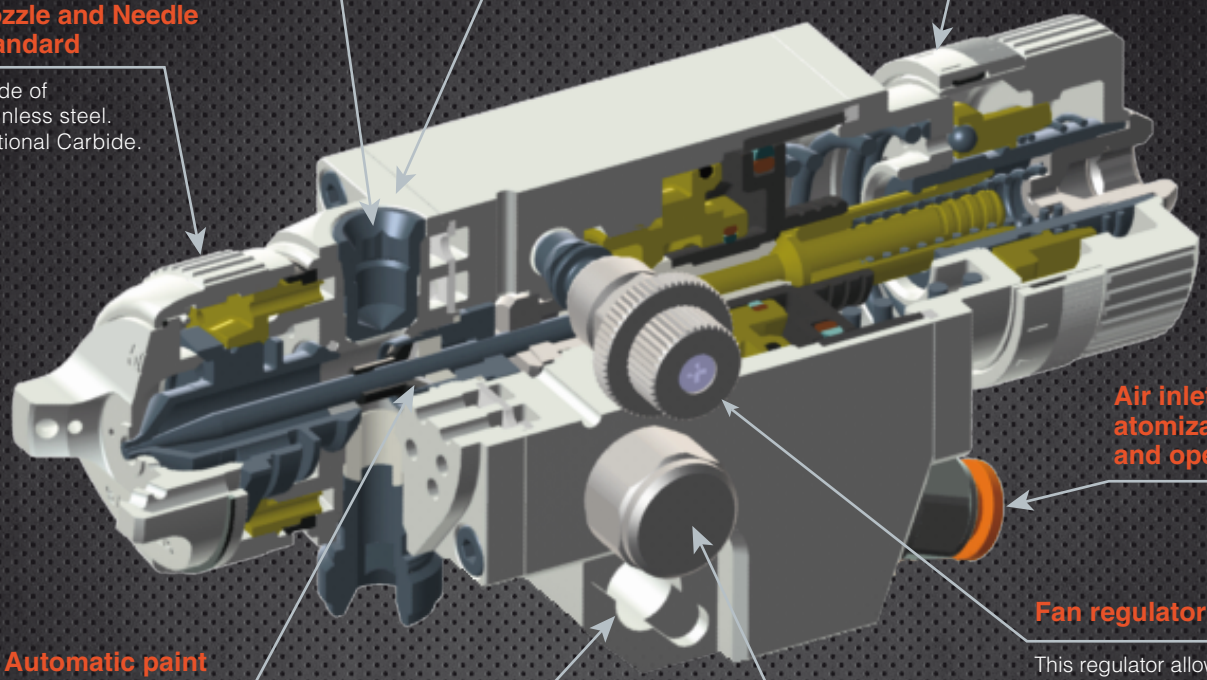
Detachable paint-head

and independent from the pneumatic zone, with four leak detection holes between them, covering all possible angles. 100% stainless steel option.

Circulating paint outlet

Nozzle and Needle standard

Made of stainless steel. Optional Carbide.



Air inlets for atomization and operation

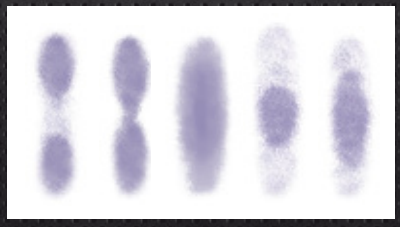
Fan regulator

This regulator allows us to adjust the size of the fan (of the atomisation air).

Automatic paint packing gland without gaskets that require handling

Fan control regulator

This regulator controls the quantity and distribution of air between the lugs and central holes, allowing a perfect distribution of the spray pattern independently of the viscosity of the product.



New mooring and guidance systems

This new system allows removal and replacement of the spray gun from its workstation, keeping always with the same orientation.

Waste time spent adjusting spray guns at their workstations is eliminated completely.

range V automatic

INNOVATION + TECHNOLOGY + PERFORMANCE =
MAXIMUM **PRODUCTION** + MINIMUM **MAINTENANCE**

V4 range

Maximum speed of application
Allows working with high paint flows
Stainless steel head versions for corrosive products and tungsten carbide nozzles for abrasives

High production conventional spray gun. Incorporates double fan regulator and product regulator. In the standard version, the nozzle and the needle are made of stainless steel.

APPLICATIONS

- For tasks requiring a high opening and closure rate. Ideal to be used with robots and special machinery.
- Versions for highly corrosive or abrasive products (with tungsten carbide needle and nozzle).
- Special for high speed and top quality finishes.

APPLICATION SECTORS

Metal Industry · Plastic Industry · Automotive Industry · Ceramics

Standard version

TECHNICAL DETAILS

Dimensions: 164 x 45 x 104 mm
Weight: 785 g
Air consumption: 350-400 L/min

V5 range

Maximum reduction in product consumption and mist
High speed application
Stainless steel head versions for corrosive products and tungsten nozzles for abrasives

This is the ideal tool where very high application speed along with significant reduction of product consumption are required. Spray mist, pollution, dirt and noise are all greatly reduced, thus improving work conditions.

The high production spray gun incorporates a double spray pattern regulator, product regulator and stainless steel nozzle and needle in the standard version.

APPLICATIONS

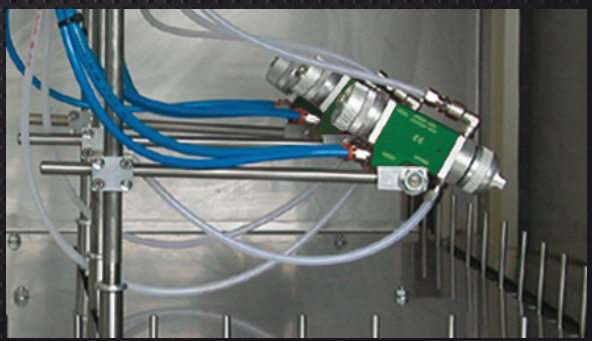
- For tasks requiring a high opening and closure rate. Ideal to be used with robots and special machinery.
- Versions for highly corrosive or abrasive products (with tungsten carbide needle and nozzle).
- For tasks where it is necessary to reduce mist and improve work conditions.
- Achieves a drastic reduction in product consumption.

APPLICATION SECTORS

Furniture Industry · Automotive Industry
Plastics · Ceramic ·Textile · Tanned

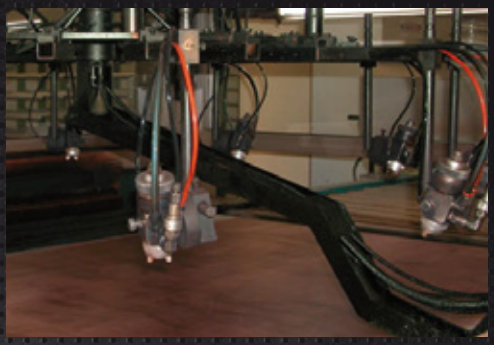
TECHNICAL DETAILS

Spray pressure at aircap: 0.68 bar
Dimensions: 164 x 45 x 104 mm
Weight: 785 g
Air consumption: 500 - 600 L/min



V series

V6 range



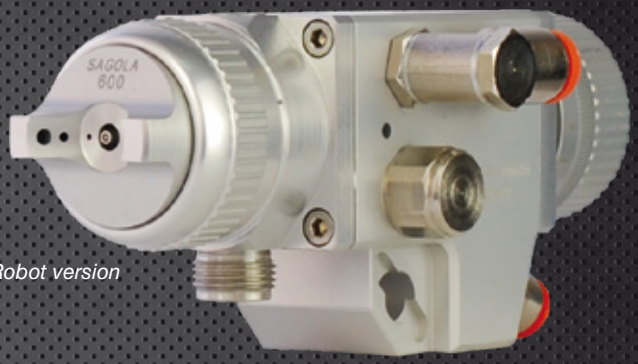
Maximum finish quality with waterborne or solvent-based products
Maximum mist and product consumption reductions
Very low air consumption. Works at very low pressures

EPA spray system with a minimumproduct transfer of 65%. Savings of paint supply, reduction of mist. Stainless steel nozzle and needle, product regulator, double fan regulator....

APPLICATIONS
- For tasks requiring a high opening and closure rate. Ideal to be used with robots and special machinery.
- Versions for highly corrosive or abrasive products (with tungsten carbide needle and nozzle).
- For tasks where it is necessary to reduce mist and improve work conditions.
- Achieves a drastic reduction in product consumption.
- For all applications where the very highest quality finish is required.

APPLICATION SECTORS
Furniture Industry · Automotive Industry · Plastics ·Textile · Tanned

TECHNICAL DETAILS
Dimensions: 164 x 45 x 104 mm
Weight: 785 g
Air consumption: 380 L/min

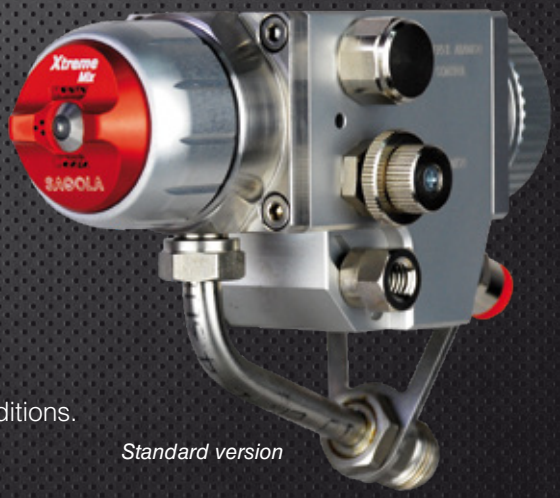


Robot version

V7 range

High production, low pollution. Maximum speed of application
High paint pressure mix system (30-150 bar)
Low air pressure: 0.5 - 2 bar

The **V7 Mix** is a high production low pollution spray gun.
Tungsten carbide product closure mechanism.
Includes: product inlet filter, air inlet quick couplings, double fan regulator and cleaning and maintenance accessories.

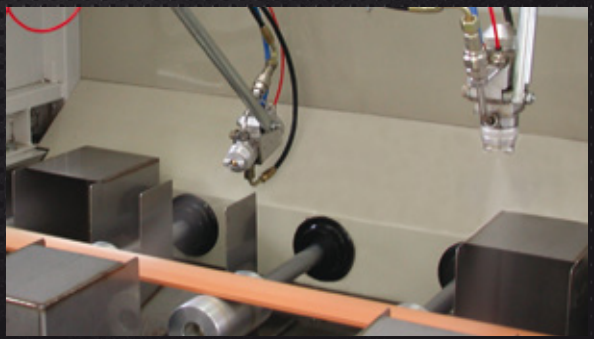


Standard version

APPLICATIONS
- For tasks requiring a high opening and closure rate. Ideal to be used with robots and special machinery.
- For tasks where it is necessary to reduce mist and improve work conditions.
- Achieves a drastic reduction in product consumption.
- Spraying of clearcoats, UV paints,...

APPLICATION SECTORS
Furniture Industry · Metal Industry · Plastic Industry

TECHNICAL DETAILS
Working pressure: 30/150 bar
Minimum operational pressure: 3,5 bar
Dimensions: 164 x 45 x 104 mm
Weight: 945 g
Air consumption: 150 L/min



V series - Mini V

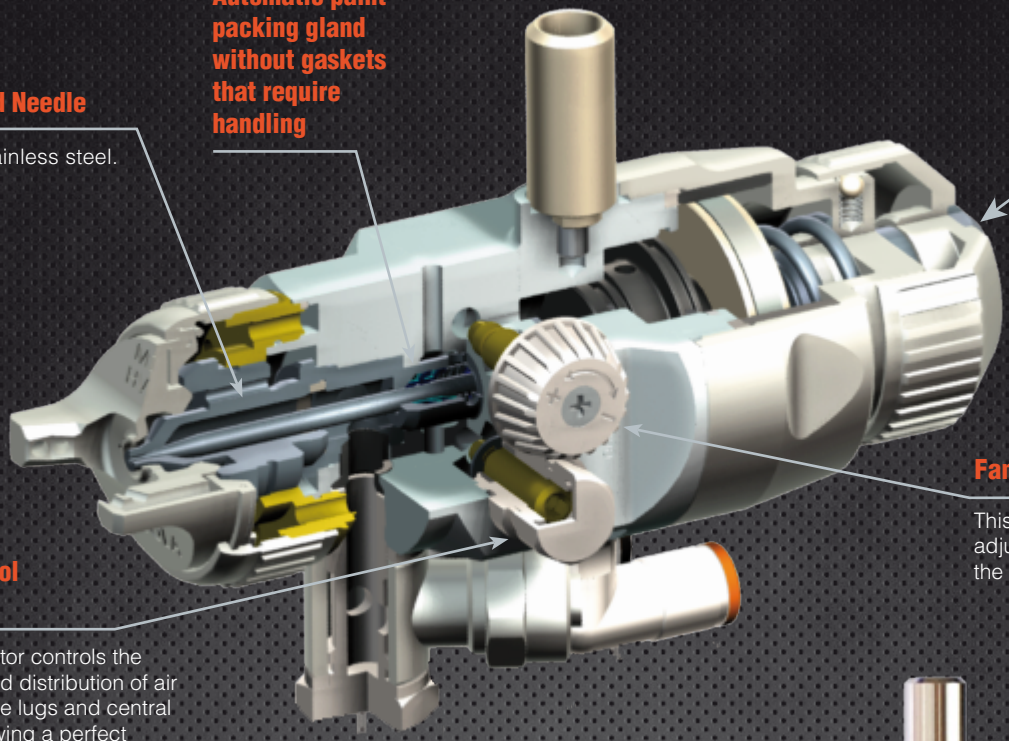
Automatic paint packing gland without gaskets that require handling

Nozzle and Needle

Made of stainless steel.

Product regulator

High precision.



Fan regulator

This regulator allows us to adjust the size of the fan (of the atomisation air)

Fan control regulator

This regulator controls the quantity and distribution of air between the lugs and central holes, allowing a perfect distribution of the spray pattern independently of the viscosity of the product.

Mini V

Automatic gun, small size and high precision.
0.3 – 1.80 mm. fluid nozzles.
Mini Xtreme spraying system.
Wide regulation range; paint flow, fan, and pattern shape.
Suitable for small parts painting, and machinery with reduced spaces.
HVLP and EPA high transfer aircaps.

TECHNICAL DETAILS

Weight: 216 g
Dimensions: 32 x 50 x 90 mm
Product inlet: 1/8”
Spray air inlet: ø 8 mm
Cylinder air inlet: ø 4 mm
Air consumption: Mini HVLP: 310 L/min
Mini EPA: 200 L/min

MiniHVLP air cap

10210217 [0.30]
10210208 [0.50]
10210201 [0.80]
10210202 [1.00]
10210203 [1.20]
10210204 [1.30]
10210205 [1.40]
10210206 [1.60]
10210207 [1.80]

MiniEPA air cap

10210218 [0.30]
10210216 [0.50]
10210215 [0.80]
10210209 [1.00]
10210210 [1.20]
10210211 [1.30]
10210212 [1.40]
10210213 [1.60]
10210214 [1.80]

MiniTech round jet air cap

10210219 [0.60]
10210220 [1.00]

Aero Jet air cap

10210221 [0.50]

Versions - Codes

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All models in the V series may be customised according to the requirements of the required application. This chart shows standard versions and the optional nozzle and needle combinations with different aircaps and their main features. The data is organised as follows:

	Features	V4 Standard		V5 HVLP		V6 EPA		V7 MIX	
Standard	Aluminium head, stainless steel nozzle and needle	10250801	0.80 [765]	10210401	0.80 [500]	10280101	0.80 [380]	35230101	13/40 [3]
		10250802	1.00 [765]	10210402	0.80 [600]	10280102	1.00 [380]		
		10250803	1.00 [777]	10210403	1.00 [500]	10280103	1.20 [380]		
		10250805	1.20 [20]	10210404	1.00 [600]	10280104	1.40 [380]		
		10250806	1.20 [765]	10210405	1.20 [500]				
		10250808	1.20 [797]	10210406	1.20 [600]				
		10250809	1.40 [20]	10210407	1.40 [600]				
		10250810	1.40 [765]						
		10250811	1.80 [20]						
Corrosive products	Head, nozzle and needle made of stainless steel	10250812	0.80 [765]	10210408	0.80 [500]	10280105	0.80 [380]		
		10250813	1.00 [765]	10210409	0.80 [600]	10280108	1.40 [380]		
		10250814	1.00 [777]	10210410	1.00 [500]	10280124	1.80 [380]		
		10250815	1.00 [797]	10210411	1.00 [600]				
		10250816	1.20 [20]	10210412	1.20 [500]				
		10250819	1.20 [797]	10210414	1.40 [600]				
		10250820	1.40 [20]	10210415	1.80 [600]				
		10250821	1.40 [765]						
		10250824	2.80 [62]						
Abrasive products	Stainless steel head, Tungsten Carbide nozzle and needle	10250825	1.20 [765]	10210416	1.20 [500]				
		10250827	1.40 [765]	10210418	1.40 [600]				
		10250828	1.80 [67]						
		10250829	2.20 [64]						
		10250830	2.80 [62]						
Standard ROBOT	Aluminium head, stainless steel nozzle and needle ROBOT	10250831	0.80 [765]	10210419	0.80 [500]	10280111	0.80 [380]	35230102	13/40 [3]
		10250832	1.00 [765]	10210421	1.00 [500]	10280114	1.40 [380]		
		10250834	1.00 [797]	10210423	1.20 [500]				
		10250835	1.20 [20]	10210424	1.20 [600]				
		10250838	1.20 [797]	10210425	1.40 [600]				
		10250838	1.40 [20]						
		10250840	1.40 [765]						
Corrosive products ROBOT	Head, nozzle and needle made of stainless steel ROBOT	10250842	0.80 [765]	10210427	0.80 [600]	10280115	0.80 [380]		
		10250844	1.00 [777]	10210430	1.20 [500]	10280116	1.00 [380]		
		10250845	1.00 [797]	10210431	1.20 [600]	10280117	1.20 [380]		
		10250846	1.20 [20]	10210432	1.40 [600]	10280118	1.40 [380]		
		10250848	1.20 [777]	10210433	1.80 [600]				
		10250849	1.20 [797]						
		10250850	1.40 [20]						
		10250851	1.40 [765]						
		10250852	1.80 [20]						
		10250853	2.20 [64]						
		10250854	2.80 [62]						
Abrasive products ROBOT	Stainless steel head, Tungsten Carbide nozzle and needle ROBOT	10250855	1.20 [765]	10210434	1.20 [500]	10280119	1.20 [380]		
		10250856	1.40 [78]	10210435	1.20 [600]				
		10250857	1.40 [765]	10210436	1.40 [600]				
		10250858	1.80 [67]						
		10250859	2.20 [64]						
		10250860	2.80 [62]						

APPLICATIONS

	V4 Standard	V5 HVLP	V6 EPA	V7 MIX
Liquid products. Wood, textile and tannery dyes, Teflon	1.0 [765]	0.8 [500] 0.8 [600] 1.0 [500]	0.8 [380] 1.0 [380]	
Double-coat finishes: metallics and pearls for the automotive and plastics industries	1.0 [777] 1.2 [777]	0.8 [500] 1.0 [600] 1.2 [600]	1.0 [380] 1.2 [380]	
HS finishes, HS single stage and clearcoats. Auto industry, plastics, wood	1.0 [797] 1.2 [797]	1.0 [500] 1.2 [600]	1.2 [380]	0.009 [3] 0.001 [3]
Finishes in general: Paints, clearcoats for the wood and metal industries	1.2 [765] 1.4 [765] 1.2 [777]	1.0 [500] 1.2 [500] 1.2 [600]	1.0 [380] 1.2 [380]	0.009 [3] 0.011 [3] 0.013 [3]
Primers, basecoats, sealants, fillers for the wood and metal industries	1.2 [765] 1.4 [765]	1.2 [500] 1.2 [600] 1.4 [600]	1.2 [380] 1.4 [380]	0.013 [3] 0.015 [3] 0.018 [3]
Abrasive products - ceramic paints paints for glazing - for the ceramics and vitro-ceramics industries	1.4 [78] CT. 1.8 [67] CT. 2.2 [64] CT. 2.8 [62] CT.	1.2 [500] CT. 1.2 [600] CT. 1.4 [600] CT.	1.4 [380] CT.	
Glues, adhesives	1.2 [20] 1.4 [20] 1.8 [20]	1.2 [500] 1.4 [600]	1.4 [380]	

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