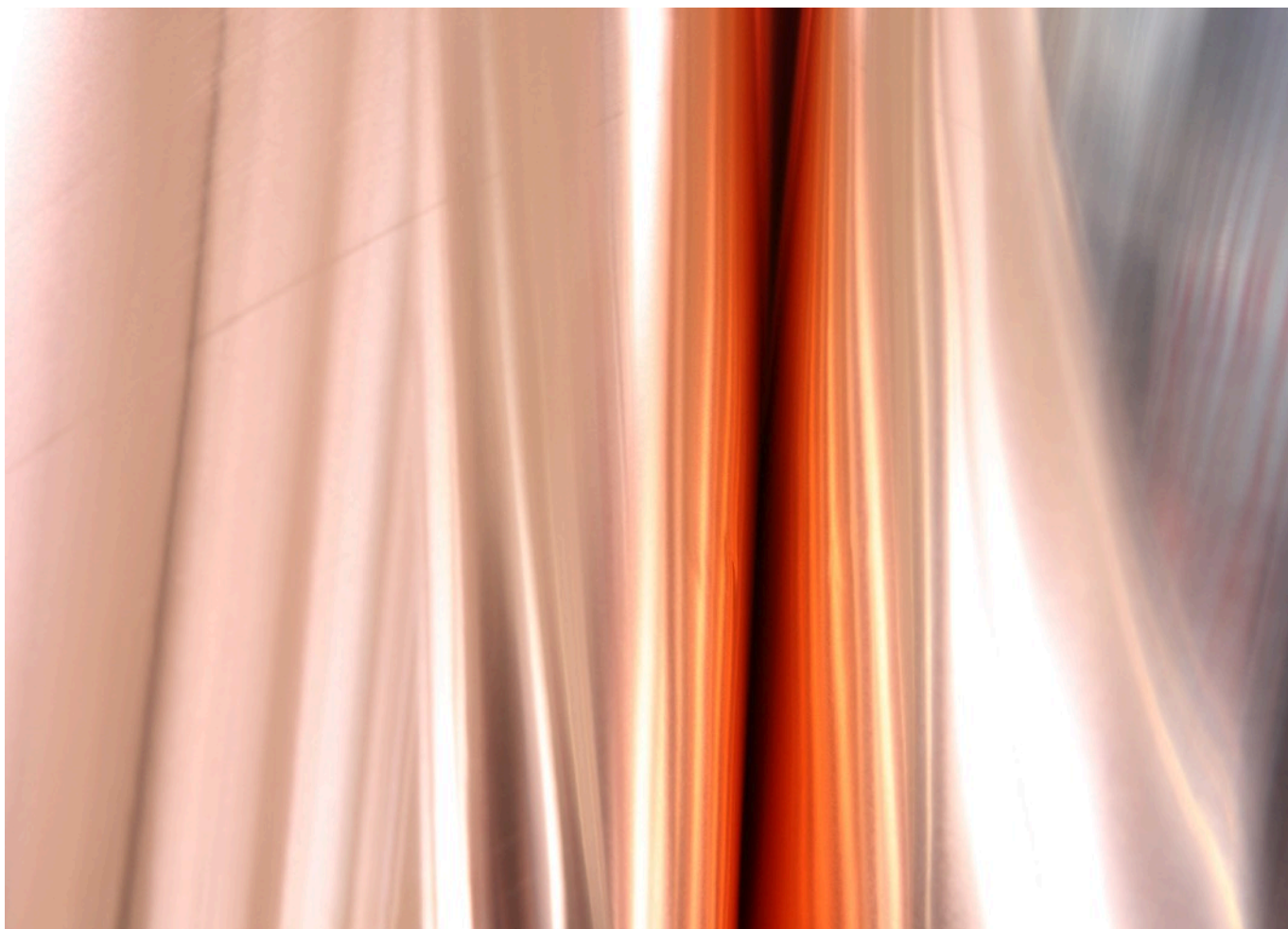




P.M.P. FIRENZE s.r.l. 

lavorazione
metalli preziosi

Index



Brief history of PMP Firenze 3



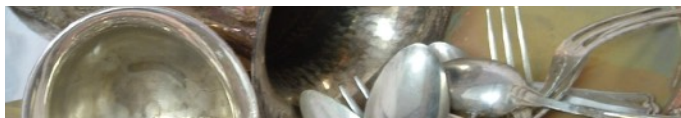
Services provided by "PMP"



- Silver recovery 4



- Metal pricing 5



- Repair or Buying silverware 6



- Free brazing alloy consultancy 7



Products available 8

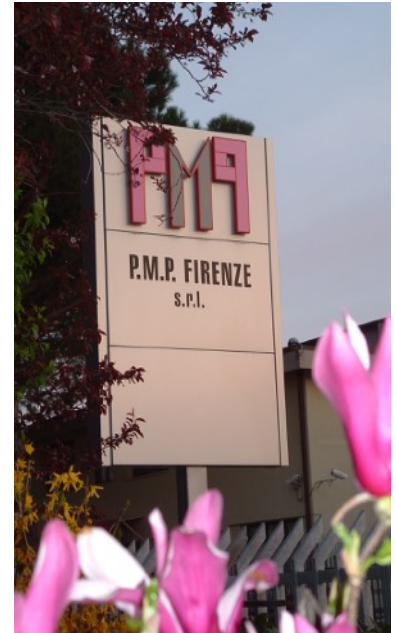
P.M.P. FIRENZE srl

Via F. Borromini, 14 - Loc. Sambuca
50028 BARBERINO TAVARNELLE - FIRENZE - ITALY
Cod. SDI M5UXCR1
Tel. +39 055 8071641 - 055 8071664
www.pmpfirenze.com

info@pmpfirenze.com
commerciale@pmpfirenze.com
amministrazione@pmpfirenze.com
pmpfirenze@pec.it

Brief History

P.M.P. more than 30 years in the silver market



P.M.P. Firenze was founded in the heart of the city in 1978 and initially specialized in the production of silver discs and sheets for silversmith companies in Florence and the surrounding area. The company was established through the initiative of Sergio Pacini and is currently managed by his son, Andrea. In the mid-1980s, the company moved to its new facility in Tavarnelle Val di Pesa. In response to changing market demands, P.M.P. Firenze expanded its product range to include standard sheets measuring 500 × 1000 mm, silver strips, silver-copper clad materials, and more recently, silver/nickel sintered wires for the electromechanical industry. Since its foundation, the company has also produced wires, bars, tubes, borders, and silver-based brazing alloys for a wide variety of applications. While the company's customer base was initially exclusively local, its reference market now extends throughout Europe and neighboring countries. Exports currently account for 30% of total production.



Refining silver

P.M.P. gives added value to Your scraps



We carry out the refining of all metal scraps containing silver, including for example:

Silver scrap contaminated by soldering materials

Silver scrap contaminated by wood dust, emery, or paints

Silver-aluminum bimetal scrap

Silver-copper and aluminum clad material scrap

Silver turnings

Silver powders

Residual silver-containing soldering alloys

The recovered silver can either be returned to the customer or credited to a metal account held with us, to be later withdrawn in the form of semi-finished products. Alternatively, we can purchase the recovered silver at highly competitive market rates.



Ordering Silver

Competitive silver prices



Through direct connections with the main commodity exchanges, we supply silver under the best possible market conditions. This advantage is particularly beneficial for companies that also purchase our semi-finished products, allowing them to optimize management and operational costs.

One solution that has gained significant interest is the **OPEN PRICE** contract.

This agreement allows customers to manage raw material procurement with either a speculative approach or, conversely, with a highly cautious strategy. It enables the purchase of raw material at a given time while postponing the final price definition within a subsequent agreed period (up to one month).

Companies are often required, due to production needs, to purchase raw materials at times when market quotations are considered excessively high, or to secure materials for orders where the final quotation with their own customers will only be determined later and therefore remains uncertain. Through this contractual solution:

- The speculative customer can attempt to anticipate market trends and potentially benefit from price movements.
- The prudent customer can secure raw materials needed to fulfill orders while
- Defining the purchase price at the same time it is agreed upon with their own clients.

P.M.P. Firenze S.r.l. accepts no responsibility regarding the accuracy or validity of the quotations provided.

For further information, please contact us directly:

Direct line: +39 55 80 71 641



Repairing and buying silverware



Thanks to our in-house silversmith workshop, we are able to provide repair and restoration services.

This service is intended for:

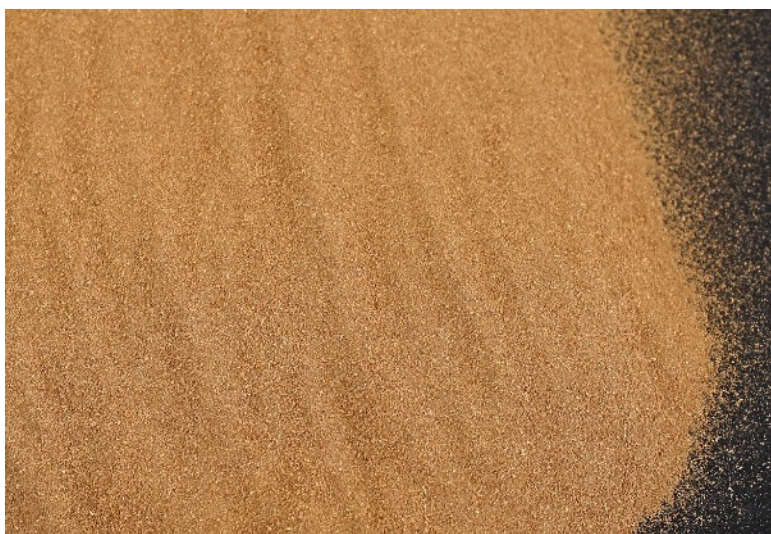
RETAILERS / WHOLESALERS

Retailers and wholesalers who own old silverware and wish to restore or repair it. After receiving the items, we will provide a repair quotation in cooperation with specialized workshops dedicated to the various stages of processing. If the items cannot be repaired, we can either submit a purchase offer or refine the material and credit the recovered silver to the silverware supplier preferred by the retailer. In this way, retailers and wholesalers can liquidate old inventory and reuse the recovered silver to place new orders with their preferred suppliers.

PRIVATE CUSTOMERS

Private customers who own old silverware or wish to complete cutlery or coffee sets. Thanks to our knowledge of the national manufacturing landscape, we are able to assess whether the items can be repaired or whether the original manufacturer still exists to reproduce or restore them. We also purchase old silverware from private customers at highly competitive market rates.

Silver brazing alloys consultancy service



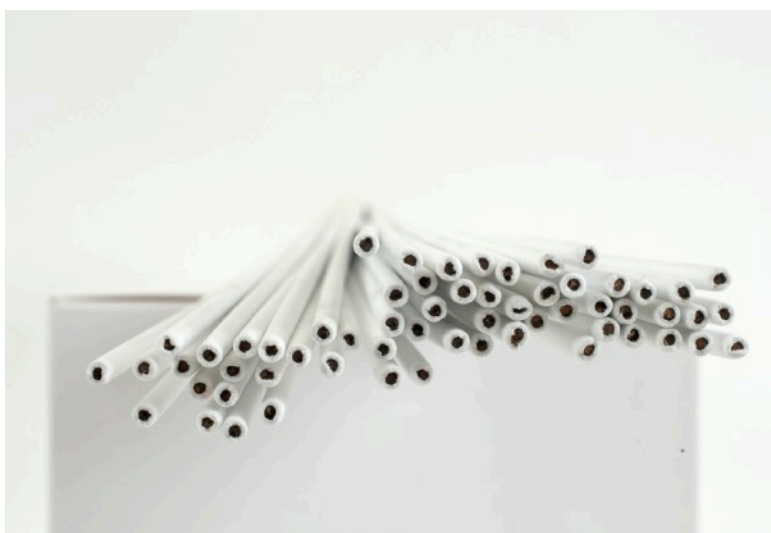
We have found that, due to lack of time, companies often continue using the same brazing alloys even when production processes have changed, and in some cases more expensive alloys are used unnecessarily.

CONTROLLING COSTS AND OPTIMIZING PRODUCTS IS ESSENTIAL IN THE CURRENT MARKET.

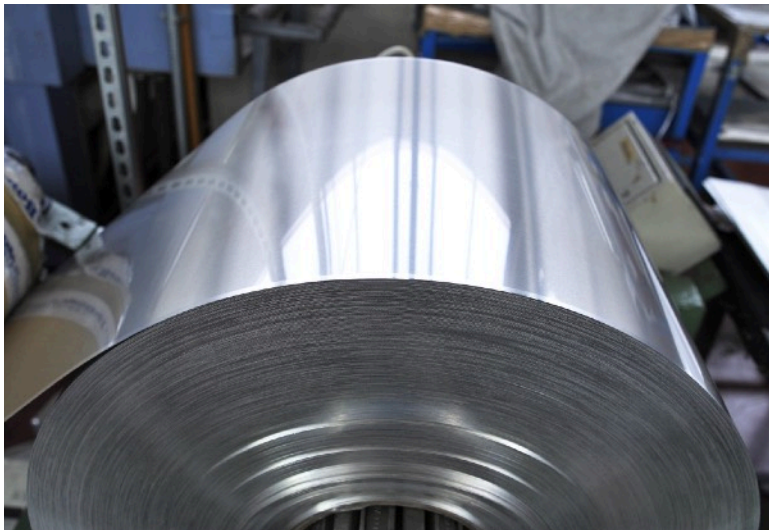
Based on the experience and expertise gained over the years, P.M.P. Firenze has decided to offer a **FREE SERVICE** consisting of a technical check-up available not only to existing customers, but also to companies that are not yet our clients.

Through on-site evaluation, we verify whether the brazing alloy currently in use is truly suitable for the specific application and production requirements.

Continuous dialogue between customer needs and the latest production innovations allows us to provide increasingly efficient and cost-effective solutions.



Products Available



Silver Rolling mill products

- Standard sheet 500 X 1000 mm
- Sheet for cutlery
- Standard Strips, extra thin strips, strips on request
- Shape and Circles
- Twin rolled: Silver + Copper, strips
- Tripled rolled: Silver + Copper + Silver, strips
- Bi-laminated: Silver and Aluminium
- Bi-laminated: Twin rolled Ag+Cu and Aluminium

Silver Wire

- Round wire
- Half/round wire, Square wire, Triangle wire



Silver Anodes

- Rolled
- "Dog bone"

Silver Draws

- Bars
- Tubes

Silver and brass patterned wire

- More than 50 types of patterned wire: these can be in silver and brass



Silver brazing alloys

- Silver brazing alloy cadmium free
- Silver brazing alloy with cadmio
- Silver brazing alloy flux coated
- Copper phosphorous alloys with or without silver
- Brass alloys
- Fluxes

CNC silver semifinished items

- Semifinished items for male and female accessories (eg. cuff-links and pendants)
- Semifinished items for gift ware (eg. money clips)

Rolling mill products

Triple Rolled Silver/Copper/Silver



Tripled Rolled Silver/Copper/Silver

Silver Thickness in mm	Tripled rolled sheet in mm 6%ag + 88%cu + 6%ag	Specific weight	Silver percentage
0,018 +cu+ 0,018	0,30	9,12	140/°°
0,024 +cu+ 0,024	0,40	9,12	140/°°
0,030 +cu+ 0,030	0,50	9,12	140/°°
0,036 +cu+ 0,036	0,60	9,12	140/°°

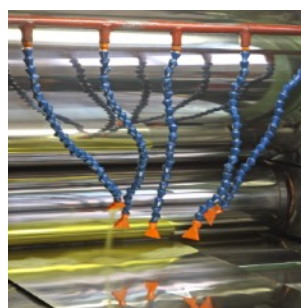
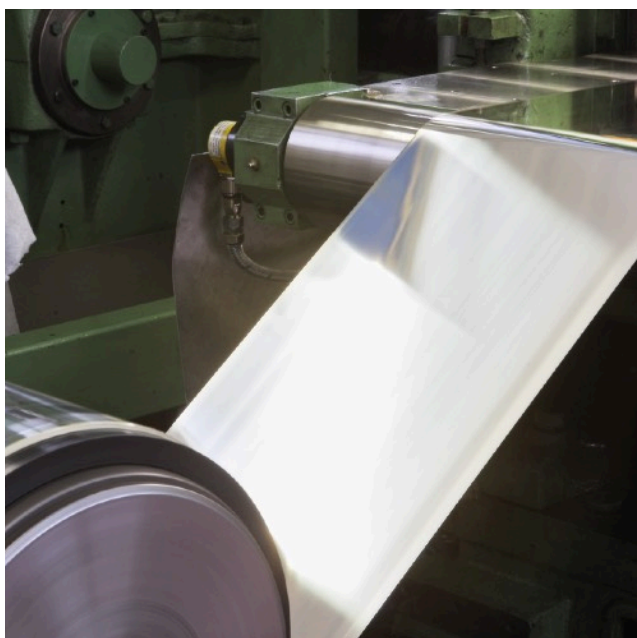
Both faces are fine silver with a central core of copper. It is not a galvanic process. The three materials become a single entity in the production process and cannot be separated mechanically. With this product it is possible to produce most silverware using the same technology as with the solid silver as spinning and pressing.

Standard mix is 6% silver + 88% copper + 6 % silver.

Silver thickness is expressed as a percentage of total sheet thickness.

Rolling mill products

Standard Strips, Extra thin Strips, Strips to order



STANDARD STRIPS 925/°°

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
0,05-0,069	265-300-350-380	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
0,07-0,09	265-300-350-380	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
0,10-0,60	265-300-350-380	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°

Standard strips are on plastic cores with an internal diameter of 120 mm. Thickness tolerance 0,005 mm.

EXTRA THIN STRIPS/TAPES 999/°°

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
0,015-0,019	350-380	yes	soft	½ soft - hard	999
0,020-0,029	350-380	yes	v	½ soft - hard	999

Extra thin strips are on alluminium cores with an internal diameter of 125 mm

STRIPS ON REQUEST

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
0,20-0,60	da 5,0 a 140,0 mm	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°

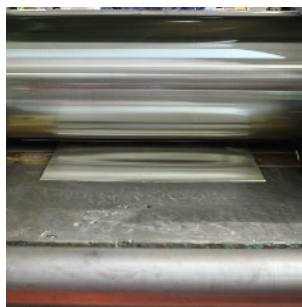
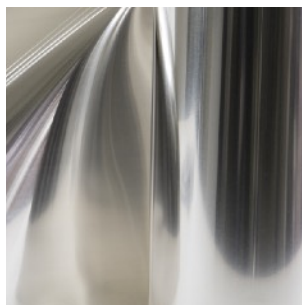
Strips to order can be produced in widths from 5 mm up to 140 mm

Our values considering Vickers hardness

	Silver Alloy 800/°°	Silver Alloy 925/°°	Silver Alloy 930/°°	Silver Alloy 999/°°
soft	85 hv	69 hv	67 hv	38-45 hv
½ soft	120 hv	105 hv	102 hv	65-70 hv
hard	150 hv	145 hv	140 hv	100 hv

Rolling mill products

Standard Sheet 500 x 1000 mm and sheet for cutlery



STANDARD SHEET 500 X 1000

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
0,20-0,39	500 x 1000		soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
0,40-0,99	500 x 1000		soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
1,00-2,00	500 x 1000		soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°

Standard sheets can be supplied with a protective plastic film designed to reduce the risk of damage during handling and installation. Dimensional tolerance: ± 5 mm. Thickness tolerance: ± 0.03 mm.

SHEET FOR CUTLERY

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
2,00-2,99	260 x 1000	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
3,00-3,99	260 x 1000	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
4,00-10,00	260 x 1000	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°

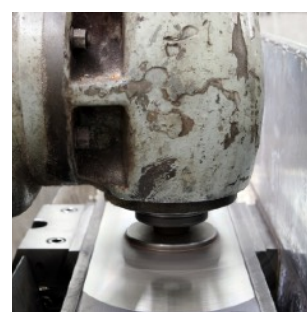
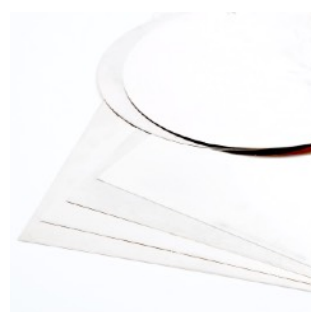
All laminates with a thickness greater than 2 mm are considered rough-cut. Thickness tolerance: ± 0.030 mm.

Our values considering Vickers hardness

	Silver Alloy 800/°°	Silver Alloy 925/°°	Silver Alloy 930/°°	Silver Alloy 999/°°
soft	85 hv	69 hv	67 hv	38-45 hv
½ soft	120 hv	105 hv	102 hv	65-70 hv
hard	150 hv	145 hv	140 hv	100 hv

Rolling mill products

Circles, Shapes and Squares



CIRLCLES AND SQUARES

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
0,15-0,29	da 35 mm a 600 mm	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
0,30-0,99	da 35 mm a 600 mm	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°
1,00-2,00	da 35 mm a 600 mm	yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°

All circles are produced to meet the requirements for spinning and pressing. Width steps are in increments of 5 mm.

SHAPES

Thickness in mm	Standard size in mm	Dimension on request	Hardness	On request	Percentage
da 0,25 a 5,00		yes	soft	½ soft - hard	800/°°-925/°°-940/°°-999/°°

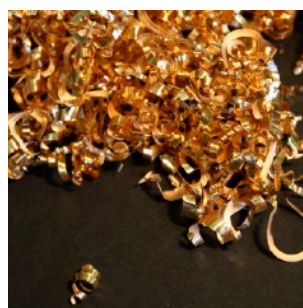
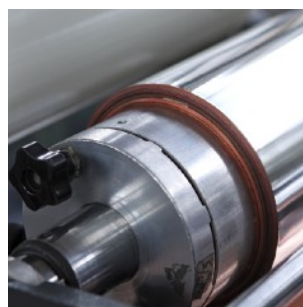
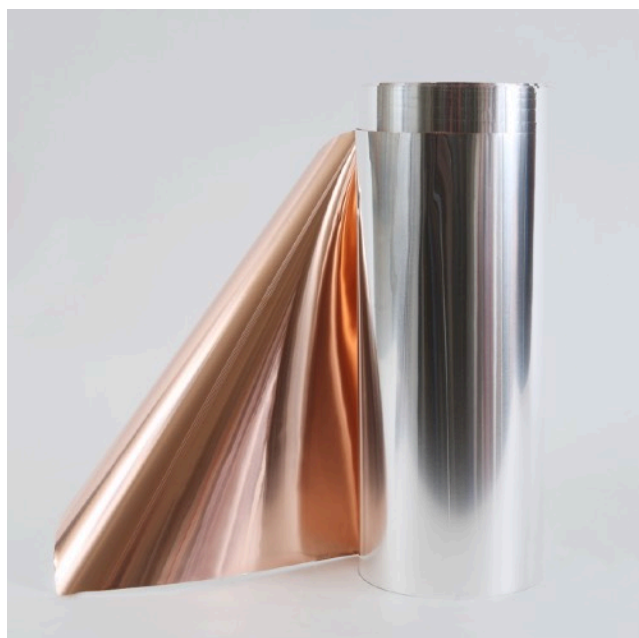
We are able to cut shapes to meet customers supplied data.

Our values considering Vickers hardness

	Silver Alloy 800/°°	Silver Alloy 925/°°	Silver Alloy 930/°°	Silver Alloy 999/°°
soft	85 hv	69 hv	67 hv	38-45 hv
½ soft - hard	120 hv	105 hv	102 hv	65-70 hv
hard	150 hv	145 hv	140 hv	100 hv

Rolling mill products

Twin rolled Silver + Copper strip



Silver + Copper strip

Thickness Ag	Specific Weight	Silver percentage
6%	9,02	70/°°
6%+6%	9,12	140/°°
8%	9,05	93/°°
9,55%	9,07	100/°°
10%	9,08	116/°°
15%	9,17	172/°°
18%	9,21	207/°°
19%	9,23	217/°°
20%	9,25	227/°°
22%	9,28	249/°°
23%	9,3	260/°°
33%	9,45	370/°°
40%	9,56	440/°°

Tab. 1

Silver + Copper (23% Ag-67% Cu)

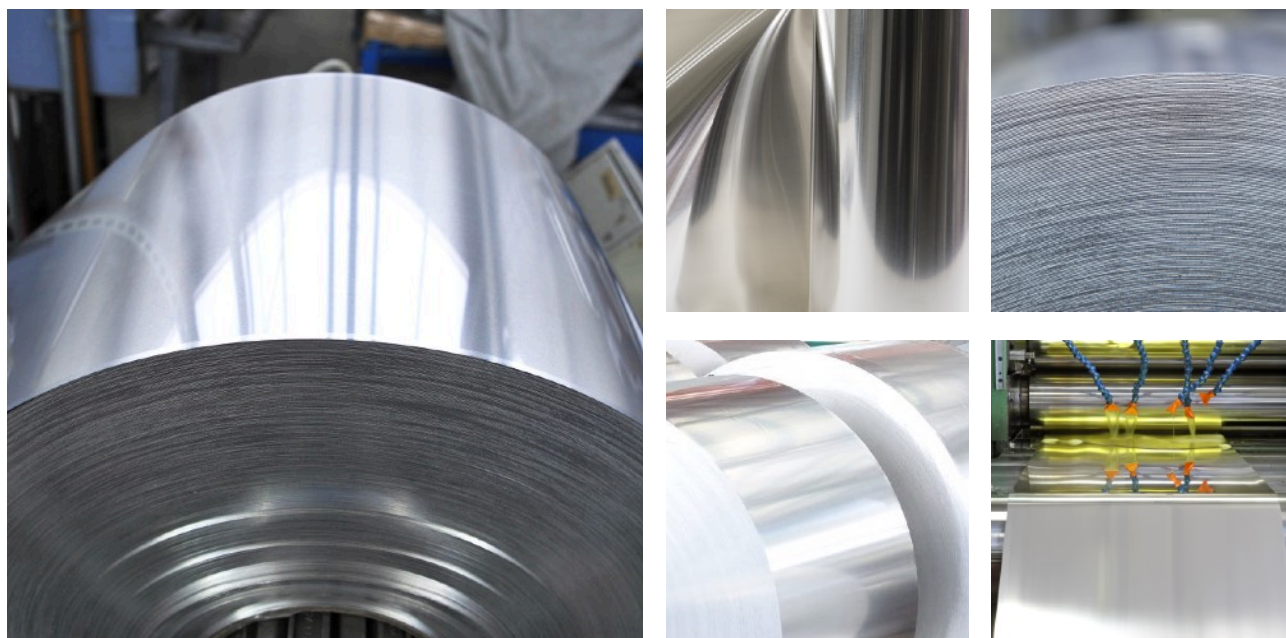
Silver Thickness in mm	Twin rolled Silver + Copper in mm	Specific Weight	Silver Percentage
0,013	0,055	9,30	260/°°
0,014	0,060	9,30	260/°°
0,015	0,065	9,30	260/°°
0,016	0,070	9,30	260/°°
0,017	0,075	9,30	260/°°
0,018	0,080	9,30	260/°°
0,020	0,085	9,30	260/°°

Tab. 2

These are strips or sheets featuring a silver layer on one side and copper on the reverse side. Bonding is achieved through co-lamination, resulting in a single solid material that can be processed as if it were solid silver. The final product offers the appearance and characteristics of silver while requiring a significantly lower quantity of precious raw material. Various combinations are available (see Table 1). Currently, the most commonly used composition consists of 23% silver thickness and 67% copper (see Table 2). The strip is wound on plastic cores with an inner diameter of 120 mm or on aluminum cores with an inner diameter of 125 mm. Attached are the tables showing the combinations already produced, together with their specific weights and fineness values.

Rolling mill product

Bi-Laminated Silver & Aluminium or Twin rolled Silver/copper & Aluminium



Bi-Laminated Silver + Aluminium

Thickness Ag in mm	Thickness Al in mm	Standard size in mm	Specific weight	Percentage
0,015-0,019	0,30-0,50	350-380 x ...	10,50	999/°°
0,020-0,022	0,30-0,50	350-380 x ...	10,50	999/°°
0,025-0,029	0,30-0,50	350-380 x ...	10,50	999/°°
0,030-0,035	0,30-0,50	350-380 x ...	10,50	999/°°

Bi-laminated Silver + Aluminium: This product comprises a very thin layer of silver bonded to an aluminium sheet. The standard sheet dimension are width 350-380 mm, length 1000 mm max. The bonding material is a special glue and all sheets are supplied with a protective plastic film. The silver thickness can be from 0,015 mm (min) up to 0,30 mm. The price of the sheet material is based primarily on the weight of silver used plus the area of Al sheet.

Bi-Laminated : Twin rolled Silver/Copper + Aluminium

Thickness Ag in mm	Twin rolled ag/cu thick in mm	Standard size in mm	Specific weight	Percentage
0,013	0,055	350-380 x ...	9,30	260/°°
0,014	0,060	350-380 x ...	9,30	260/°°
0,015	0,065	350-380 x ...	9,30	260/°°
0,016	0,070	350-380 x ...	9,30	260/°°
0,017	0,075	350-380 x ...	9,30	260/°°
0,018	0,080	350-380 x ...	9,30	260/°°
0,020	0,085	350-380 x ...	9,30	260/°°
0,021	0,090	350-380 x ...	9,30	260/°°

This product offers the same production advantages as that of the Bi-laminated Silver + Aluminium plus those of the "rolled" Silver/Copper product. This product comprises a strip of rolled silver and copper bonded to an aluminium sheet. There is therefore a reduction in the amount of silver and copper used thus providing a much reduced cost of raw materials used in silverware production. This sheet is supplied in two standard width of 350 mm and 380 mm and have a protective plastic film. As with the bi-laminated sheets the cost is based primarily on the weight of silver and copper plus the area of Al sheet.

Wire

Round, Half Round, Square Triangle wire



Round wire

Thickness in mm	Diameter	Size on request	Standard hardness	Hardness on request	Percentage
0,14-0,99		yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
1,00-2,99		yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
3,00-6,00		yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°

Wire: is available on a plastic core. Thickness tolerance is +/- 0,010 mm

Half Round wire

Thickness in mm	Diameter	Size on request	Standard hardness	Hardness on request	Percentage
	1,5x0,75	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
	2x1	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
	3x1,5	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
	4x2	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°

The thickness of the wire is exactly a half of the round wire, where the height is half of the diameter.

Square wire

Thickness in mm	Diameter	Size on request	Standard hardness	Hardness on request	Percentage
	da 0,8x0,8 a 5,0x5,0	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°

Square wire can be supplied with either square or chamfered corners. Square corners are produced from a draw process and chamfered corners from the rolling mill.

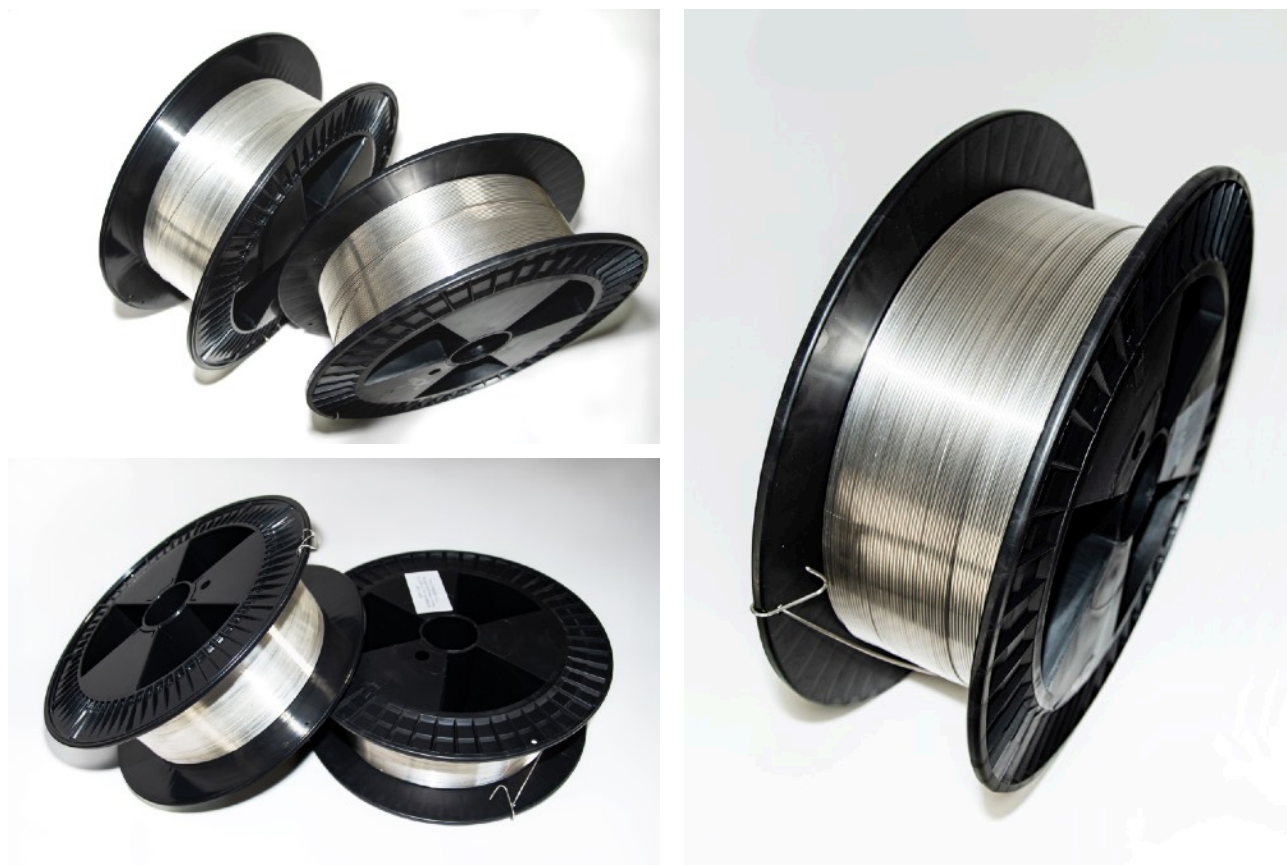
Triangle wire

Diameter	Size on request	Standard hardness	Hardness on request	Percentage
2x2x2	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
2,3x2,3x2,3	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
2,8x2,8x2,8	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°
3x3x3	yes	soft	½ soft, hard	800/°°-930/°°-940/°°-999/°°

Drawn wire with an equilateral triangular cross-section, minimum side 2 mm and maximum side 3 mm. It is normally supplied in the annealed condition, but can also be provided in half-hard and hard conditions.

Wire

Sintered wires

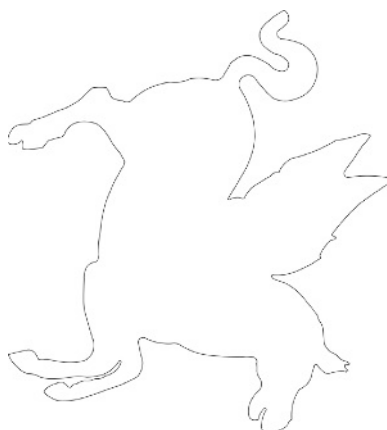
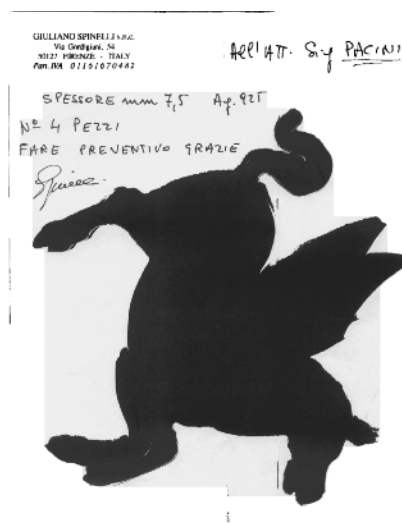


Sintered wires Ag/Ni

Diameter	Custom sizes available upon request	Physical condition	Available finenesses
0,68 - 3,50	yes	HV At the customer's request	Ag 700/Ni 300
0,68 - 3,50	yes	HV At the customer's request	Ag 800/Ni 200
0,68 - 3,50	yes	HV At the customer's request	Ag 850/Ni 150
0,68 - 3,50	yes	HV At the customer's request	Ag 900/Ni 100

The wires can be supplied in coils, on SDK 300 spools, or on reels depending on the diameter required by the customer.
Thickness tolerance: ± 0.010 mm.

CNC Semifinished Silver items



From customer data or idea, PMP is able to produce semifinished silver items, involving cutting, shaping, engraving and hollowing.

P.M.P. FIRENZE srl

Via F. Borromini, 14 - Loc. Sambuca
50028 BARBERINO TAVARNELLE
FIRENZE - ITALY
Cod. SDI M5UXCR1
Tel. +39 055 8071641 - 055 8071664

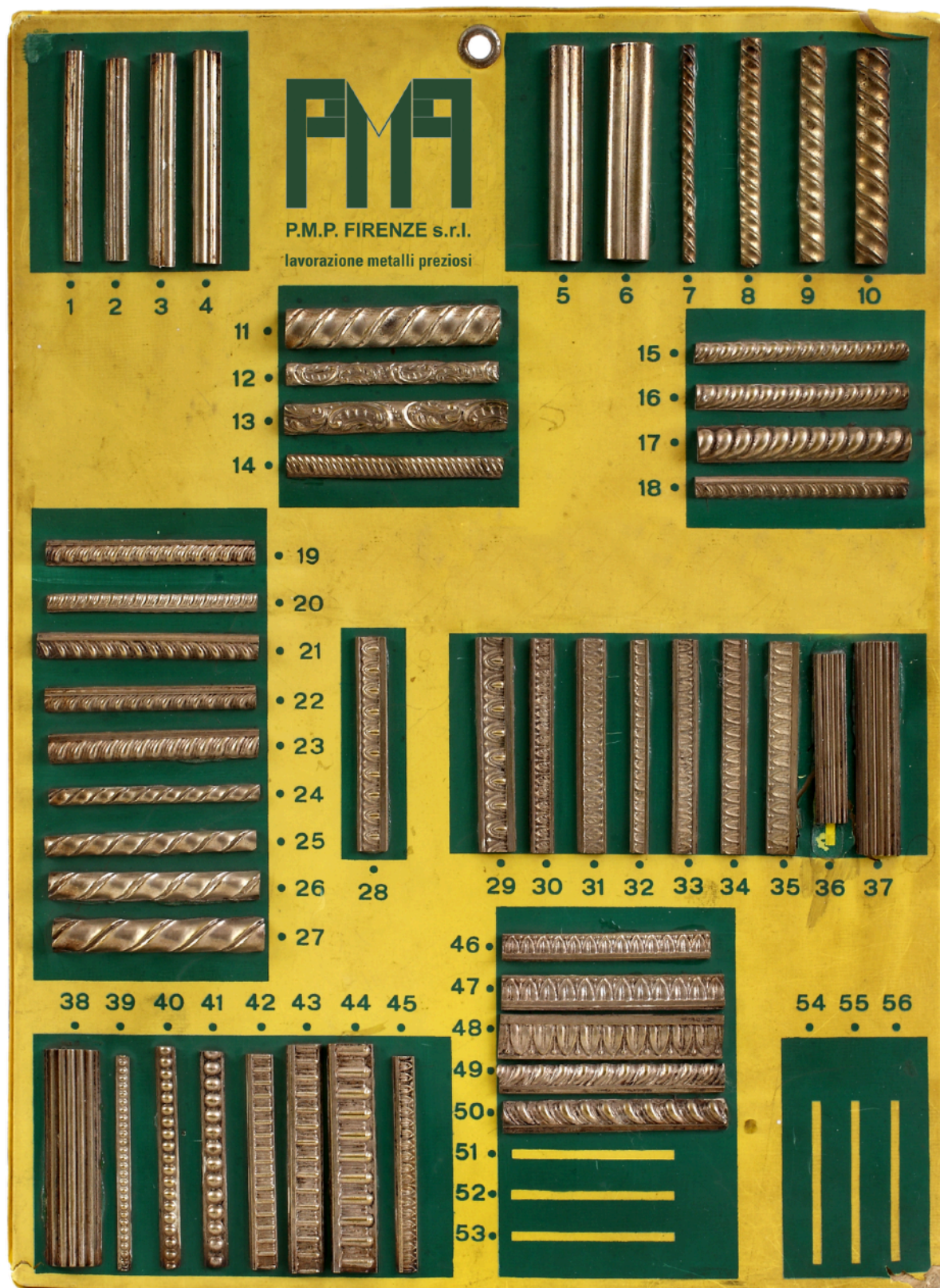
www.pmpfirenze.com

info@pmpfirenze.com
commerciale@pmpfirenze.com
amministrazione@pmpfirenze.com
pmpfirenze@pec.it



Bordure

Silver & brass patterned wire



Draw Products

Tubes and Bars



Tubes

Thickness in mm	Diameter	Size on request	Standard hardness	Hardness on request	Percentage
0,5	2,0-2,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,50-0,74	3,0-4,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,75-1,00	3,0-4,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,25-0,49	5,0-10,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,50-0,74	5,0-10,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,75-...	5,0-10,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,25-0,49	11,0-13,0	yes	soft	hard	800/°-930/°-940/°-999/°
0,50-0,74	11,0-27,0	yes	soft	hard	800/°-930/°-940/°-999/°
0,75-...	11,0-29,9	yes	soft	hard	800/°-930/°-940/°-999/°
0,40-0,49	30,0-40,0	yes	soft	hard	800/°-930/°-940/°-999/°
0,50-0,74	30,0-45,0	yes	soft	hard	800/°-930/°-940/°-999/°
0,75-...	30,0-53,0	yes	soft	hard	800/°-930/°-940/°-999/°

Minimum order 3 kg

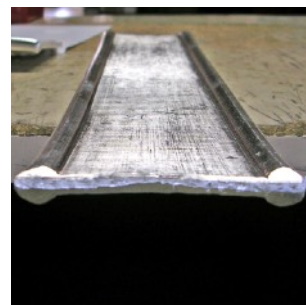
Round Bars

Diameter	Size on request	Standard hardness	Hardness on request	Percentage
3,00-7,00	yes	hard	soft	800/°-930/°-940/°-999/°
7,50-11,00	yes	hard	soft	800/°-930/°-940/°-999/°
11,5-13,00	yes	hard	soft	800/°-930/°-940/°-999/°
13,5-15,00	yes	hard	soft	800/°-930/°-940/°-999/°
15,00 -...	yes	hard	soft	800/°-930/°-940/°-999/°

Standard length 1000 mm. Minimum order 3 kg

Anodes

“Dog bone” or Rolled



Dog Bone Anodes

Thickness in mm	Diameter	Size on request	Standard hardness	Hardness on request	Percentage
5	70 x ...	yes	soft		999/°°

Extruded overall width 70 mm (the rounded borders are 10 mm and the central thickness is 5 mm)

Rolled Anodes

Thickness in mm	Diameter	Size on request	Standard hardness	Hardness on request	Percentage
da 5,00 a 10,00		yes	soft	½ soft, hard	999/°°

Size to suit customer requirements

Brazing Alloys

Silver Brazing alloys



Silver brazing alloys Cadmium free

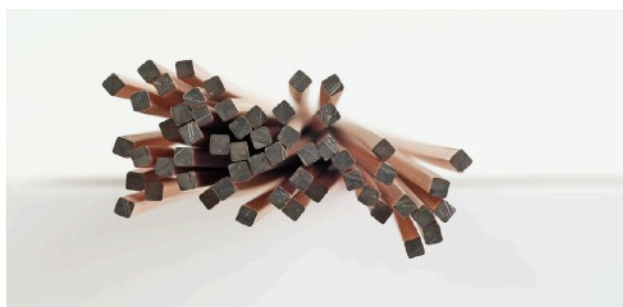
Code	Composition %					Melting point °C	Density g/cm3	Tensile strength kg/mm2	Corresponding standard	
	Ag	Cu	Zn	Cd	Other				EN 1044	DIN 8513
416	5,0	55,0	40,0		Yes	820 - 890	8,4	48	AG 208	L-Ag5
471	20,0	44,0	36,0		Yes	690 - 810	8,7	43	AG 206	L-Ag20
725	25,0	40,0	33,0		Yes	680 - 760	8,8	48	AG 108	L-Ag25sn
730	30,0	36,0	32,0		Yes	650 - 750	8,8	48	AG 107	L-Ag30sn
734	34,0	36,0	27,5		Yes	630 - 730	9,0	48	AG 106	L-Ag34sn
738	38,0	31,0	29,0		Yes	660 - 720	9,1	45		
740	40,0	30,0	28,0		Yes	640 - 700	9,1	45		
745	45,0	27,0	25,5		Yes	640 - 660	9,2	43	AG 104	L-Ag45sn
755	55,0	21,0	22,0		Yes	630 - 660	9,4	44	AG 103	L-Ag55sn
756	56,0	22,0	17,0		Yes	620 - 685	9,4	48	AG 102	L-Ag55sn
605	60,0	23,0	14,0		Yes	620 - 685	9,6	48	AG 101	L-Ag60sn
670	67,0	19,5	13,5			670 - 720	9,7	45		

Our technical staff will be pleased to assist customers with any queries regarding material and costs.

All information and facts with reference to the products specified are accurate and reliable to our knowledge but are supplied without any guarantee or responsibility. PMP Firenze srl not being acquainted with the eventual final use or application of the above said information, declines any responsibility for losses or damage to persons or objects that may be derived from an inappropriate use of the information provided. In addition, the technical information contained within the schedules are susceptible to eventual changes at any given moment and without prior warning on the part of PMP Firenze srl.

Brazing Alloys

Copper Phosphorous alloys with or without Silver



Copper Phosphorous alloys with or without Silver

Code	Composition %				Melting point °C	Density g/cm3	Tensile strength kg/mm2	Corresponding standard	
	Ag	Cu	P	Other				EN 1044	DIN 8513
615		93,0	7,0		710 - 820	8,1	58	CP 202	L-CuP7
654	0,4	93,6	6,0		710 - 740	8,1	n.d.		
650	2,0	91,7	6,3		645 - 800	8,1	n.d.	CP 105	L-Ag2P
656	5,0	88,7	6,3		645 - 815	8,2	n.d.	CP 104	L-Ag5P

Brass alloys

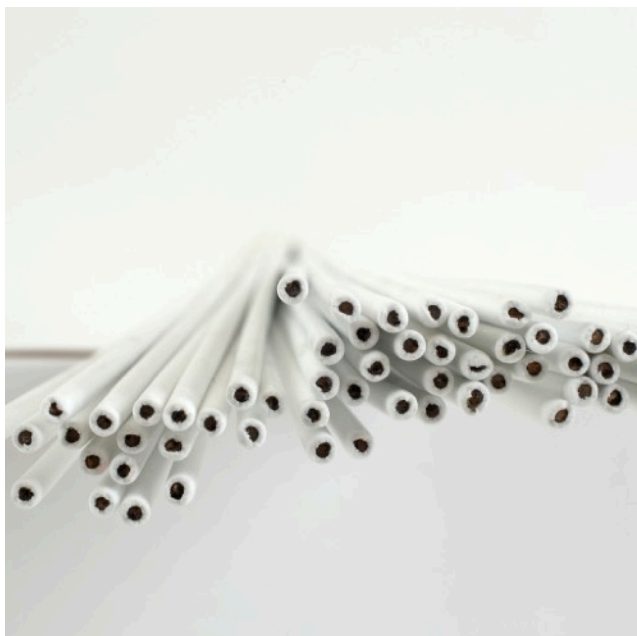
Code	Composition %				Melting point °C	Density g/cm3	Tensile strength kg/mm2	Corresponding standard	
	Cu	Zn	Ni	Other				EN 1044	DIN 8513
120	50	41,0	9,0	Yes	900 - 930	54,0	n.d.		
123	57,0	38,0	5,0	Yes	860 - 910	45,0	n.d.		

Our technical staff will be pleased to assist customers with any queries regarding material and costs.

All information and facts with reference to the products specified are accurate and reliable to our knowledge but are supplied without any guarantee or responsibility. PMP Firenze srl not being acquainted with the eventual final use or application of the above said information, declines any responsibility for losses or damage to persons or objects that may be derived from an inappropriate use of the information provided. In addition, the technical information contained within the schedules are susceptible to eventual changes at any given moment and without prior warning on the part of PMP Firenze srl.

Brazing Alloys

Silver brazing alloys flux coated



Silver brazing alloys flux coated

Code	Composition %					Melting point °C	Standard coat/colour
	Ag	Cu	Zn	Cd	Other		
200 R	20,0	44,0	36,0		Yes	690 - 810	standard / white
210 R	21,0	36,0	27,0	16,0		605 - 730	standard / white
250 R	25,0	40,0	33,0		Sn	680 - 760	standard / white
734 R	34,0	36,0	27,5		Sn	630 - 730	standard / white
400 R	40,0	30,0	28,0		Sn	640 - 700	standard / white
745 R	45,0	27,0	25,5		Sn	640 - 660	standard / white

Our technical staff will be pleased to assist customers with any queries regarding material and costs.

All information and facts with reference to the products specified are accurate and reliable to our knowledge but are supplied without any guarantee or responsibility. PMP Firenze srl not being acquainted with the eventual final use or application of the above said information, declines any responsibility for losses or damage to persons or objects that may be derived from an inappropriate use of the information provided. In addition, the technical information contained within the schedules are susceptible to eventual changes at any given moment and without prior warning on the part of PMP Firenze srl.

Brazing Alloys

Silver brazing alloys with cadmium



Silver brazing alloys with cadmium

Code	Composition %					Melting point °C	Density g/cm3	Tensile strength kg/mm2	Corresponding standard	
	Ag	Cu	Zn	Cd	Other				EN 1044	DIN 8513
452	9,0	52,0	33,0	6,0	Yes	630 - 820	8,9	43		
453	13,0	44,0	33,0	10,0	Yes	605 - 795	8,7	42		
493	17,0	41,0	26,0	16,0	Yes	620 - 760	8,7	42		
495	21,5	35,5	27,0	16,0	Yes	605 - 730	8,7	40	AG 308	
496	25,0	30,0	27,5	17,5	Yes	605 - 710	8,8	40	AG 307	L-Ag25cd
930	30,0	28,0	21,0	21,0	Yes	610 - 690	9,1	38	AG 306	L-Ag30cd
108/65	34,0	22,0	24,0	20,0	Yes	610 - 670	9,1	40	AG 305	L-Ag34cd
499	38,0	20,0	22,0	20,0	Yes	610 - 650	9,2	40		
108/60	40,0	19,0	21,0	20,0	Yes	595 - 630	9,3	42	AG 304	L-Ag40cd
420	42,0	17,0	16,0	25,0	Yes	605 - 620	9,4	42	AG 303	
108/55	45,0	15,0	16,0	24,0	Yes	605 - 630	9,4	43	Ag 302	L-Ag45cd
108/50	50,0	15,0	16,0	19,0	Yes	620 - 640	9,5	43	AG 301	L-Ag50cd

Our technical staff will be pleased to assist customers with any queries regarding material and costs.

All information and facts with reference to the products specified are accurate and reliable to our knowledge but are supplied without any guarantee or responsibility. PMP Firenze srl not being acquainted with the eventual final use or application of the above said information, declines any responsibility for losses or damage to persons or objects that may be derived from an inappropriate use of the information provided. In addition, the technical information contained within the schedules are susceptible to eventual changes at any given moment and without prior warning on the part of PMP Firenze srl.

Brazing Alloys

Fluxes



Disossidanti

Code	Melting point °C	stato di fornitura			Corresponding standard	
		powder	paste	liquid	EN 1045	DIN 8511
Y	400 - 800	x	x		FH 10	F-SH 1
CS	450 - 800	x	x		FH 10	F-SH 1
D.306 A	150 - 250			x	n.d.	F-SH 1

Our technical staff will be pleased to assist customers with any enquiries regarding material and costs.

All information and facts with reference to the products specified are accurate and reliable to our knowledge but are supplied without any guarantee or responsibility. PMP Firenze srl not being acquainted with the eventual final use or application of the above said information, declines any responsibility for losses or damage to persons or objects that may be derived from an inappropriate use of the information provided. In addition, the technical information contained within the schedules are susceptible to eventual changes at any given moment and without prior warning on the part of PMP Firenze srl.

P.M.P. FIRENZE srl
Via F. Borromini, 14 - Loc. Sambuca
50028 BARBERINO TAVARNELLE
FIRENZE - ITALY
Cod. SDI M5UXCR1
Tel. +39 055 8071641 - 055 8071664

www.pmpfirenze.com

info@pmpfirenze.com
commerciale@pmpfirenze.com
amministrazione@pmpfirenze.com
pmpfirenze@pec.it