
PRODUCTS CATALOG AND PRICES
SOFT SOLDER
PARKOTEK S.R.L.



SOLDER PRODUCTS CATALOG

1. Parkotek S.R.L

Parkotek SRL is an industry that transforms high quality national raw material into different products used in the electronics, plumbing, refrigeration industry, etc.

VISION

Parkotek is an industrial company that satisfies customer expectations, outstanding in innovation, has a highly qualified staff, efficient and effective processes, and its profits are compatible with its growth projections.

MISSION

Parkotek S.R.L industrial company manufactures competitive high quality products, based on the use of national raw materials, research and development, high professional level, modern management, social and environmental responsibility.

2. Products

Tin and other traditional alloy-forming minerals are the basis for the production of soft solders in the form of rods and threads on spools, as well as derivatives such as solder paste and flux for soldering stainless steel.

- Tin alloy welds and different metals, such as lead, copper, silver in thread

The alloy of our products is made with high purity materials, which reduces the formation of slag, in addition, they have a flux core in a proportion of 2%. These threads are especially suitable for manual and automated soldering, as well as for the assembly of surface mount components of the electronics industry. The use of Parkotek threads guarantees a high degree of fluidity in the weld and an optimal joint. The threads with the indicated alloys are ideal for applications that require a low melting point, in electronics, tinning of cables, battery manufacturing, automotive, etc. The threads are presented in reels of 50 gr, 100 gr and 250 gr; also we provide threads per meter in laminated sheets and in small plastic tubes.

- Bar welds

The 50/50 alloy Sn/Pb bar is suitable for general plumbing and tin work, as well as for lead pipe repairs, lead, zinc and copper sheet soldering. In general, 50/50 bars are used

for welds that require a filler material with a low melting point. The proportions Sn/Pb may vary according to customer requirements.

- Flux for welding stainless steel plates

Our flux is used exclusively for joining stainless steel sheets. FPK-INOX it's a non-flammable acid product. The flux is applied after having made, on the surfaces to be joined, a slight superficial wear with a small emery and cleaning with a strong liquid (e.g. isopropyl alcohol). It is applied in ornamental works such as the manufacture of 3D signs.

- LEAD PLATES

For different applications we manufacture 1.6 mm thickness lead plates, 30 cm wide and 2 m long; the lead used has a purity of 99.919%.

- TIN PLATES FOR EMBOSSED

The craft activity has in tin an ideal raw material to expand its creativity and is therefore constituted in first level raw material. Contributing to the development of national crafts, Parkotek offers tin from 0.2 mm thick in sheets 40 cm wide and 50 cm long.

- POWDERED TIN

The application of tin powder is very varied; It is used in applications as diverse as bearings, lubricants, friction materials, chemical formulations, metal bonded abrasive wheels, cutting tools and many more. The powder particles have dimensions between 20 and 200 m; the purity of the minerals used reaches 99.969% in the case of tin and 99.919% in the case of lead.

3. Product Data Sheet

The technical characteristics of Parkotek products allow the user to perform high quality work, attending to the increasingly demanding requirements of its customers. Parkotek S.R.L. offers the following products:

3.1 Welding wires Sn / Pb alloyed with flux


Product	Nandina Code	ISIC Code	Alloy	Wire diameters (mm)	Melting Temperature °C
Wire welding with flux 40 / 60 (Sn/Pb)	8003.00.10.00	2720 Manufacture of primary precious metal products and non-ferrous metal	Tin – Lead	1,0 – 1,2 – 1,5 – 2 - 3	185 - 235
Wire welding with flux 50 / 50 (Sn/Pb)	8003.00.10.00	272 2720	Tin – Lead	1,0 – 1,2 – 1,5 – 2 - 3	185 – 215
Wire welding with flux 60 / 40 (Sn/Pb)	8003.00.10.00	272 2720	Tin – Lead	0,3 – 0,5 – 0,8 - 1,0 – 1,2	185 - 190
Wire welding with flux 63 / 37 (Sn/Pb)	8003.00.10.00	272 2720	Tin – Lead	0,3 – 0,5 – 0,8 - 1,0 – 1,2	


3.2 Sn / Pb Alloy welding bars


Product	Nandina Code	ISIC Code	Dimension (cm)	Bar weight (gr)	length (cm)	Melting Temperature °C
Rectangular welding bars 50/50 (Sn/Pb)	8003.00.10.00	272 2720	Section 1x0,8	233	30	199
Rectangular welding bars 50/50 (Sn/Pb)	8003.00.10.00	272 2720	Section 2x0,5	285	30	
Rectangular welding bars 50/50 (Sn/Pb)	8003.00.10.00	272 2720	Section 2x0,8	452	30	


4. Use and application of tin alloy solders


Weld manufactured with Sn/Pb alloys with flux have general application in the electronics industry, while Sn/Pb bars are mainly used in plumbing and tinsmithing. They come in different applications, according to the required technique.


Product	Application	Quality and application	
Wire welding with flux 40 / 60 (Sn/Pb)	General use in the electronics industry	The alloy of our products is made with high purity materials, which reduces the formation of slag, they also have flux core. These wires are especially suitable for manual and automated welding, as well as for the assembly of surface mount components of the electronics industry that allow alloys with lead content.	
Wire welding with flux 50 / 50 (Sn/Pb)			
Wire welding with flux 60 / 40 (Sn/Pb)			

Wire welding with flux 63 / 37 (Sn/Pb)		The use of Parkotek wires guarantees a high degree of fluidity in the weld and an optimal joint. The wires with the indicated alloys are suitable for applications that require a low melting point, in electronics, cable tinning, battery manufacturing, automotive, etc.	
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Product	Application	Quality and application	
Wire welding with flux 50 / 50 (Sn/Pb)	Electronic	Has the same characteristics indicated for alloy wires Sn / Pb in reels, Therefore, it maintains the quality for the welding jobs described.	
Wire welding with flux 60 / 40 (Sn/Pb)			

Product	Application	Quality and application	
Solder paste flux (20%) 50 / 50 (Sn / Pb)	Electronic	Solder paste is composed of Sn / Pb alloy in powder (between 20 μ and 200 μ) and flux in a proportion of 20%. The product has very practical applications in the field of electronics.	
Solder paste flux (20%) 60 / 40 (Sn / Pb)			
Solder paste flux (20%) 63 / 37 (Sn / Pb)			
Solder paste flux (20%) 42 / 58 (Sn / Pb)			


Product	Application	Quality and application	
Rectangular welding bars 50/50 (Sn/Pb)	Radiator repair, tinsmithing, refrigeration and and copper pipes, stainless steel welding.	Sn / Pb bar with 50/50 alloy is ideal for general tinsmithing work, as well as lead pipe repairs, lead, zinc and copper plate soldering. In general, 50/50 bars are used for welds that require a filler material with a low melting point.	

Product	Application	Quality and application	
flux for welding stainless steel + 50/50 bar	Works with sheets of stainless steel in the 3D signs manufacturing industry and similar.	Flux exclusively for welding stainless steel sheets. FPK-INOX is a non-flammable acid product. The flux is applied after the on the surfaces to be joined a slight surface wear with a small emery and cleaning with a liquid strong (e.g. isopropyl alcohol)	

5. Products Catalog


5.1 Welding wires Sn/Pb alloyed 40/60 with flux in reels of 250 gr. and 100 gr.

Product	Weight (unit)	Wire diameter
Wire welding with flux 40 / 60 (Sn / Pb)	250 gr.	0,8 mm
Wire welding with flux 40 / 60 (Sn / Pb)	250 gr.	1,0 mm
Wire welding with flux 40 / 60 (Sn / Pb)	250 gr.	1,2 mm
Wire welding with flux 40 / 60 (Sn / Pb)	250 gr.	2,0 mm
Wire welding with flux 40 / 60 (Sn / Pb)	250 gr.	3,0 mm
Wire welding with flux 40 / 60 (Sn / Pb)	100 gr.	0,8 mm
Wire welding with flux 40 / 60 (Sn / Pb)	100 gr.	1,0 mm
Wire welding with flux 40 / 60 (Sn / Pb)	100 gr.	1,2 mm




5.2 Welding wires Sn/Pb alloyed 50/50 with flux in reels of 250 gr. and 100 gr.

Product	Weight (unit)	Wire diameter
Wire welding with flux 50 / 50 (Sn / Pb)	250 gr.	1,2 mm
Wire welding with flux 50 / 50 (Sn / Pb)	250 gr.	2,0 mm
Wire welding with flux 50 / 50 (Sn / Pb)	250 gr.	3,0 mm
Wire welding with flux 50 / 50 (Sn / Pb)	100 gr.	1,2 mm




5.3 Welding wires Sn / Pb alloyed 60/40 with flux in reels of 250 gr. And 100 gr.

Product	Weight (unit)	Wire diameter
Wire welding with flux 60 / 40 (Sn / Pb)	250 gr.	0,8 mm
Wire welding with flux 60 / 40 (Sn / Pb)	250 gr.	1,0 mm
Wire welding with flux 60 / 40 (Sn / Pb)	250 gr.	1,2 mm
Wire welding with flux 60 / 40 (Sn / Pb)	100 gr.	0,5 mm
Wire welding with flux 60 / 40 (Sn / Pb)	100 gr.	0,8 mm
Wire welding with flux 60 / 40 (Sn / Pb)	100 gr.	1,0 mm
Wire welding with flux 60 / 40 (Sn / Pb)	100 gr.	1,2 mm
Wire welding with flux 60 / 40 (Sn / Pb)	50 gr.	0,3 mm




5.4 Welding wires Sn/Pb alloyed 63/37 with flux in reels of 250 gr. and 100 gr.

Product	Weight (unit)	Wire diameter
Wire welding with flux 63/37	250 gr.	0,8 mm
Wire welding with flux 63/37	250 gr.	1,0 mm
Wire welding with flux 63/37	250 gr.	1,2 mm
Wire welding with flux 63/37	100 gr.	0,5 mm
Wire welding with flux 63/37	100 gr.	0,8 mm
Wire welding with flux 63/37	100 gr.	1,0 mm
Wire welding with flux 63/37	100 gr.	1,2 mm
Wire welding with flux 63/37	50 gr.	0,3 mm




5.5 Welding wires Sn/Pb alloyed 50/50 and 60/40 with flux per meter

Welding allow	Length	Diameter
Welding wire 50/50	1 m	1 mm
Welding wire 50/50	2 m	1 mm
Welding wire 50/50	1 m	1,2 mm
Welding wire 50/50	2 m	1,2 mm
Welding wire 60/40	1 m	1 mm
Welding wire 60/40	2 m	1 mm
Welding wire 60/40	1 m	1,2 mm
Welding wire 60/40	2 m	1,2 mm




5.6 Welding bars Sn/Pb alloy 50/50

Product	Length	Dimension
Welding bar 50/50 (Sn/Pb)	30 cm	Section 1x0.8 - 1/2 lb
Welding bar 50/50 (Sn/Pb)	30 cm	Section 2x0.5 - 1/2 lb
Welding bar 50/50 (Sn/Pb)	30 cm	Section 2x0.8 - 1 lb



5.7 Welding bars Sn/Pb alloy 50/50 with flux

Product	Bar length	Bar dimension
Welding bar 50/50 (Sn/Pb) + flux 25 ml	30 cm	Section 1x0.8 - 1/2 lb
Welding bar 50/50 (Sn/Pb) + flux 25 ml	30 cm	Section 2x0.5 - 1/2 lb
Welding bar 50/50 (Sn/Pb) + flux 50 ml	30 cm	Section 2x0.8 - 1 lb



6. Orders and Marketing

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