corporate brochure



"With decades of experience, coupled with a highly skilled and knowledgeable workforce, Linbraze satisfies all its global customers, providing them innovative, tailormade and technical advanced solutions."

Brazing Filler Metals Jump into the deep of the brazing

Our brazing product range is one of the broadest available and unique brazing solutions.



with our brazing filler metal alloys.

ហែ

 \mathbb{P}

AGRICULTURE



Ð

MEDICAL

<u>_</u>dî)

HEAVY EQUIPMENT



General Index

About Us Brazing Filler Metal Alloys Service & Support	2 - 3 4 - 12 13 - 14
About Us Company Profile Vision Mission Technological Innovation Top Quality	2 3 3 3 3
Brazing Filler Metal Alloys Cadmium-free silver alloys Silver brazing alloys for tungsten carbide Silver based alloys cadmium-bearing * Copper brazing alloys Brass brazing alloys Copper Phosphorus brazing alloys Nickel brazing alloys Aluminium brazing alloys Soldering alloys Precious brazing filler metals Brazing & Solder fluxes	5 6 7 7 8 9 10 10 11 11
Powder Particle Size Converter	12
Service & Support Customer Care & Satisfaction Guidance to the Solution Timely Delivery Service Worldwide Distribution	13 13 14 14

*The cadmium bearing range of silver solders are not available for sale within the EU due to European directive from Commission Regulation (EU) No 494/2011.





Company Profile

LINBRAZE is an Italian leading manufacturer of metal powders, granules and brazing alloys since 1987. As a leading provider of brazing filler metals for technologically advanced industries, it is specialized in metal atomization and post atomization and in the development and production of innovative materials for industrial and technical applications for Automotive industry - such powertrain torque converters, EGR-cooler systems and High-pressure rail for common-rail systems. HVAC&R industry- such Heating, Ventilation, Air-Condition and Refrigeration. Tooling industry - such cutting tools.

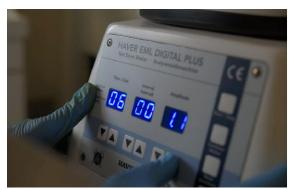
The expertise of this brand's application engineers has been formulated over many years of experience from countless application cases.





LINBRAZE branch fully dedicated to the production of brazing alloys, applying the latest innovative technologies to help our customers to solve global challenges. Our valuable, innovative and sustainable solutions allow them to improve productivity, reduce costs and mitigate risks.

LINBRAZE, immersed in the green of the Sicilian hills, takes seriously the management of the environment and the social responsibility by engaging conscientiously to develop renewable products, through innovation and sustainable improvement of production processes.







Company's purpose

Vision

To listen, and meet the needs of our Surrounded by the environmental, cultural customers, driving them to the excellence as and historical beauty of Sicily, MEPOSO is market leader, helping them sell better. Bringing every day in their company the security of a advanced product and the joy of receiving tailor-made solutions, simple and innovative, with the use of professional competencies certified and diversified by offering a constant support and a efficient The path to a sustainable future brings service.

Technological Innovation

LINBRAZE has a team of skilled technicians for the development of new products and technologies, capable of providing a fair level of technical support at zero cost. The continuous investment in technological innovation, the thirty years of experience and a high degree of specialization of the company's technical resources are our strengths to create and maintain competitive standards of quality and of efficiency that make us unique in the market of pastes and of metal powders.

Mission

deeply committed to sustainable development and respect for the environment.

We're dedicated to the creation of sustainable technologies and products, shaped around our customers' requests. several challenges which have to be faced. Our aim is to produce in a socially and environmentally responsible way, trying to make the world cleaner and healthier each and every day.

Sustainability is a fundamental aspect of Linbraze strategy and governance. It is at the heart of our brand and company values.



Top Quality

LINBRAZE continues to offer higher quality, a wider choice of products, the highest performance, added value services, technological superiority and an excellent relationship between supply and price. Within our manufacturing and before shipment to the customer, raw materials, semi-finished and finished products are tested through different levels of analysis and quality testing. Observing and complying with the requirements of the customer is the key part of *LINBRAZE* trade policy, helping to avoid potential increases in costs and the onset of inconvenience is our daily concern. The LINBRAZE production provides internal quality standards that far exceed international regulations ISO, AWS, EN.



Brazing filler metal alloys

LINBRAZE offer one of the most extensive inventories of alloys and forms in the industry, including over 2,000 stockdies and every day continues to create new solutions by focusing on the distinctive features of the Linbraze product, offering higher quality, a higher performance, added value services, technological superiority and an excellent relationship between supply and price.

Our product range includes powders, pastes, coated-rods, preformed, rings, wire and fluxes. Many products are tailor-made for the customer or based on the application requirements, therefore are not in this catalog.

For more details about our products please contact us directly or contact LINBRAZE's





Silver Brazing Alloys

Cadmium-free silver alloys

	Composition in %						Melting		Standard			
LIN-Alloy	Ag	Cu	Zn	Sn	Si	Ni	Range °C	ISO 17672	EN 1044	AWS A5.8		
TO 125	25	40	33	2			680 - 760	Ag 125	AG 108	BAg-37		
TO 130	30	36	32	2			665 - 755	Ag 130	AG 107			
TO 134	34	36	27,5	2,5			630 - 730	Ag 134	AG 106			
TO 138	38	32	28	2			650 - 720	Ag 138		BAg-34		
TO 140	40	30	28	2			650 - 710	Ag 140	AG 105	BAg-28		
TO 145	45	27	25,5	2,5			640 - 680	Ag 145	AG 104	BAg-36		
TO 155	55	21	22	2			630 - 660	Ag 155	AG 103			
TO 156	56	22	17	5			620 - 655	Ag 156	AG 102	BAg-7		
TO 160	60	30		10			600 - 730	Ag 160	AG 402	BAg-18		
TO 267	67	14		19			700 - 725					
TO 205	5	55	39,8		0,2		820 - 870	Ag 205	AG 208			
TO 212	12	48	39,8		0,2		800 - 830	Ag 212	AG 207			
TO 225	25	40	35				700 - 790	Ag 225	AG 205			
TO 230	30	38	32				680 - 765	Ag 230	AG 204	BAg-20		
TO 235	35	32	33				685 - 755	Ag 235		BAg-35		
TO 244	44	30	26				675 - 73 <mark>5</mark>	Ag 244	AG 203			
TO 245	45	30	25				665 <mark>- 745</mark>	Ag 245		BAg-5		
TO 250	50	34	16				69 <mark>0 - 7</mark> 75	Ag 250		BAg-6		
TO 260	60	26	14				69 <mark>5 - 7</mark> 30		AG 202			
TO 263	63	24	13				69 <mark>0 -</mark> 730					
TO 265	65	20	15				67 <mark>0 - 7</mark> 20	Ag 265		B <mark>Ag-9</mark>		
TO 270	70	20	10				690 - 740	Ag 270		B <mark>Ag-1</mark> 0		
TO 272	72	28					780	Ag 272	AG 401	BAg-8		
RASTAR 80	10	80		10			700 - 810					
RASTAR 45	10	45		45			610 - 720					
RASTAR 65	10	65		25			650 - 710					
RASTAR 30	30	65		5			730 - 850					

Characteristics / Applications:

Silver alloys cadmium free. These alloys are low-temperature, free-flowing filler metals for joining similar and dissimilar metals. The above alloys produce strong and duction joints, with high safety because they are cadmium-free. When compared with the Cadmium bearing range this family of alloys generally has a slightly wider melting range. This affords greater control and produces excellent gap filling qualities. For brazing with alloyed and unalloyed steel, nickel and nickel alloys, malleable cast iron, copper and copper alloys. Joint-brazing at working temperatures of max. 200°C without loss in strength. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants.

Heat sources: acetylene torch, induction and resistance heating

Braze family of alloys is available in: wire, powder, paste, preforms, strip, ring and rods bare and flux coated

Silver Brazing Alloys

Silver brazing alloys for tungsten carbide

	0	Cc	mpositic	n in %		Melting		Standard			
LIN-Alloy	Ag	Cu	Zn	Ni	Other	Range °C	ISO 17672	EN 1044	AWS A5.8		
TO 425	25	38	33	2	Mn 2	705 - 800	Ag 425		BAg-26		
TO 427	27	38	20	5,5	Mn 9,5	680 - 830	Ag 427	AG 503			
TO 440	40	30	28	2		670 - 780	Ag 440		BAg-4		
TO 449	49	16	23	4,5	Mn7,5	680 - 705	Ag 449	AG 502	BAg-22		
TO 450	50	20	28	2	1 miles	650 - 710	Ag 450	1	BAg-24		
TO 454	54	40	5	1	1000	720 - 855	Ag 454		BAg-13		
TO 456	56	42	110	2	- AS	770 - 895	Ag 456		BAg-13a		
TO 556	56	27	111	2,5	In 14,5	600 - 710	1	AG 403			
TO 564	64	26		2	Mn 2 In 6	730 - 780		~~/	-		
TO 463	63	28,5		2,5	Sn 6	690 - 800	Ag 463	4	BAg-21		
TO 485	85				Mn 15	960 - 970	Ag 485	AG 501	BAg-23		
TO 760	60	24			In 14 Ti 2	605 - 715					
TO 770	70	26		-	Ti 4	780 - 900					

Characteristics / Applications:

Cadmium free Silver alloys are appreciated for excellent mechanical properties and bear good wetting characteristics. These are preferably used for brazing hard metals to steel mountings. Addition of nickel and manganese improves wettability on tungsten and molybdenum materials. Joint-brazing at working temperatures of max. 200°C without loss in strength. Heat sources: acetylene torch, induction and resistance heating

Braze family of alloys is available in: strip, wire, powder, paste, preforms, ring and rods bare and flux coated

Silver based alloys cadmium-bearing

	Composition in %							Standard		
LIN-Alloy	Ag	Cu	Zn	Cd	Si	Ni	Range °C	ISO 17672	EN 1044	AWS A5.8
TO 325	25	30	27,5	17,5			605 - 720	Ag 326	AG 307	BAg-33
TO 330	30	28	21	21			600 - 690	Ag 330	AG 306	
TO 335	35	26	21	18			610 - 700	Ag 335	AG 305	BAg-2
TO 340	40	19	21	20			595 - 630	Ag 340	AG 304	
TO 345	45	15	16	24		and the second se	605 - 620	Ag 345	AG 302	BAg-1
TO 350	50	15,5	16,5	18			625 - 635	Ag 350	AG 301	BAg-1A
TO 351	50	15,5	15,5	16		3	635 - 655	Ag 351	AG 351	BAg-3

Characteristics / Applications:

Silver alloys cadmium-bearing works at the lowest temperature with short melting ranges, free flowing alloys that are versatile, easy to use having high strength. This family of brazing alloy has excellent flow characteristics and mechanical properties. Being used successfully for the last many decades on nearly all ferrous and non ferrous alloys. Gap brazing with alloyed and unalloyed steel, nickel and nickel alloys, malleable cast iron, copper and copper alloys. Joint-brazing at working temperatures of max. 150°C without loss in strength. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants. The cadmium bearing range of silver solders are not available for sale within the EU due to European directive from Commission Regulation (EU) No 494/2011.

Heat sources: acetylene torch, induction and resistance heating

Braze family of alloys is available in: strip, wire, powder, paste, preforms, ring and rods bare and flux coated

Copper based alloys

Copper brazing alloys

	J	, Co	mpositio	n in %		Melting		Standard			
						Range					
LIN-Alloy	Cu	Sn	Ni	Mn	Others	°C	ISO 17672	EN 1044	AWS A5.8		
ME 99	99,00				Cu ₂ O 1	1085	Cu 099	CU 103	BCu-1a		
ME 102	99,95					1085	Cu 102	CU 102	BCu-3		
ME 110	99,90					1085	Cu 110	CU 101	BCu-1b		
ME 141	99,90				P 0,075	1085	Cu 141	CU 104	BCu-1b		
ME 188	99				Ag 1	1070 - 1080	Cu 188	CU 106	T		
ME 186	97		3		B 0,03	1085 - 1100	Cu 186	CU 105	$\overline{\langle P \rangle}$		
ZO 922	94	6			P 0,25	910 - 1040	Cu 922	CU 201			
ZO 925	88	12			P 0,25	825 - 990	Cu 925	CU 202	10		
ME 8703	87		3	10		965 - 995		1-1-1	10/		
ME 8604	86		-	10	Co 4	980 - 1030			KG		
ME 6022	60		20	20		990 - 1040		20/1	1 11		
naracteristic	s / Annlig	ations		(6))					1110		

Characteristics / Applications:

These are copper base metal alloys used for high temperature brazing of steels & tungsten carbide. They have excellent corrosion resistance and high electrical and thermal copper conductivity. Copper is ductile, wets iron well and exhibits excellent joint penetration through capillary action. Furnace brazing in a protective atmosphere with the above alloys is an economical option for brazing carbon and low alloy steels. Pastes are formulated from alloy powders and specialty grade organic binders. Binders are chosen to decompose cleanly, well below brazing / working temperatures, leaving no residue. Several different environmentally friendly binder formulations are available. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants.

Heat sources: inert-gas continuous furnace H2/N2, cracked ammonia, exogas, vacuum furnace Braze family of alloys is available in: paste, powder, wire and ring

Brass brazing alloys

	- J	Co	mpositio	n in %		Melting		Standard			
LIN-Alloy	Cu	Zn	Sn	Si	Other	Range °C	ISO 17672	EN 1044	AWS A5.8		
NE 470	59	40,7	0,3			875 <mark>- 89</mark> 5	Cu 470	CU 302	R <mark>BCu</mark> Zn-A		
NE 4701	60	39,7		0,3		875 - 8 <mark>95</mark>	Cu 470a	CU 301			
NE 471	58	41,1	0,5	0,2	Mn 0,2	870 - 900	Cu 471	CU 304	RBCuZn-C		
NE 670	60	39,3	0,2	0,3	Mn 0,2	870 - 900	Cu 670	CU 303			
NE 680	58	40	1	0,2	Mn0,3 Ni 0,5	870 - 890	Cu 680	CU 306			
NE 773	48	41,8		0,2	Ni 10	890 - 920	Cu 773	CU 305			
NE 275	27,5	65	7,5			750 - 780					
NE 550	55	44,6		0,2	Mn 0,2	875 - 890					
NE 520	52	47,8		0,2		860 - 880					
NE 658	58,9	37,9	0,6	0,1	Mn 0,6 Ni 0,9Ag 1	865 - 885					
Characteristics	s/Aðelic	atiens:			Mn 4	880 - 910					

Brass brazing alloys are ideally suited for joining carbides, cast irons, steels and other ferrous alloys.

The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants.

Heat sources: acetylene torch, induction and resistance heating Braze family of alloys is available in: wire, powder, paste

RO-Alloys

Copper Phosphorus alloys

Copper Phosphorus brazing alloys

		Со	mpositio	n in %			Melting	Standard		
LIN-Alloy	Cu	Р	Ag	Ni	Sn	Si	Range °C	ISO 17672	EN 1044	AWS A5.8
RO 178	95	5					710 - 925	CuP 178		
RO 179	93,8	6,2					710 - 890	CuP 179	CP 203	
RO 180	93	7					710 - 820	CuP 180	CP 202	
RO 181	92,7	7,3					710 - 793	CuP 181		BCuP-2
RO 182	92	8					710 - 770	CuP 182	CP 201	
RO 279	91,7	6,3	2				645 - 825	CuP 279	CP 105	
RO 280	91	7	2			6	643 - 788	CuP 280	215	BCuP-6
RO 281	89	6	5			C	645 - 815	CuP 281	CP 104	BCuP-3
RO 282	88,25	6,75	5			1	643 - 771	CuP 282	2	BCuP-7
RO 283	86,7	7,3	6			1	643 - 813	CuP 283		BCuP-4
RO 2831	86,6	7,3	6	0,1			643 - 813	CuP 283a	CP 103	
RO 284	80	5	15				645 - 800	CuP 284	CP 102	BCuP-5
RO 285	76,1	6,3	17,6				643 - 666	CuP 285		BCuP-8
RO 286	75	7	18				645	CuP 286	CP 101	
RO 385	86,2	7			6,5	0,3	635 - 675	CuP 385		BCuP-9
RO 386	86,2	6,8			7		650 - 700	CuP 386	CP 302	

Characteristics / Applications:

Flux copper phosphorous brazing alloys are suitable for the fluxless brazing of copper and the brazing of copper alloys with flux. We recommend to use flux for copper alloys like brass and bronze joint. Pastes are formulated from alloy powders and specialty grade organic binders. Binders are chosen to decompose cleanly, well below brazing / working temperatures, leaving no residue. Several different environmentally friendly binder formulations are available. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants

Heat sources: Inert-gas continuous furnace H2/N2, cracked ammonia, exogas, vacuum furnace, acetylene torch, induction and resistance heating

Braze family of alloys is available in: pastes, wire, powder, ring and rods



Nickel based alloys

Nickel brazing alloys

			Com	position i	n %			Melting		Standard		
LIN-Alloy	Ni	Cr	Si	В	Fe	С	Р	Range °C	ISO 17672	EN 1044	AWS A5.8	
EL 600	Rem.	14	4,5	3,1	4,5	0,75	0,02	980 - 1060	Ni 600	NI 101	BNi-1	
EL 610	Rem.	14	4,5	3,1	4,5	0,06	0,02	980 - 1070	Ni 610	NI 1A1	BNi-1a	
EL 612	Rem.	15		3,6	1,5	0,06	0,02	1055	Ni 612	NI 109	BNi-9	
EL 620	Rem.	7	4,5	3,12	3	0,06	0,02	970 - 1000	Ni 620	NI 102	BNi-2	
EL 630	Rem.		4,5	3,12	0,5	0,06	0,02	980 - 1040	Ni 630	NI 103	BNi-3	
EL 631	Rem.		3,5	1,85	1,5	0,06	0,02	980 - 1070	Ni 631	NI 104	BNi-4	
EL 650	Rem.	19	10,12	0,03		0,06	0,02	1080 - 1135	Ni 650	NI 105	BNi-5	
EL 655	Rem.	22	6,5	0,01		0,16	4	960 - 1079	Ni 655			
EL 660	Rem.	19	7,2	1,3	0,5	0,1	0,02	1065 - 1150	Ni 660		BNi-5a	
EL 661	Rem.	15	7,25	1,35	1	0,06	0,02	1030 - 1125	Ni 661		BNi-5b	
EL 700	Rem.	0		- A		-	11	875	Ni 700	NI 106	BNi-6	
EL 710	Rem.	14	0,1	0,02	0,2	0,06	10,1	890	Ni 710	NI 107	BNi-7	
EL 720	Rem.	25	0,1	0,02	0,2	0,06	10	880 - 950	Ni 720	NI 112	BNi-12	
EL 621	Rem.	14	2	1,4	2	0,06	5,6	860 - 890				
EL 651	Rem.	29	4	est.			6	990 - 1 <mark>050</mark>				

Characteristics / Applications:

Nickel-based brazing filler metals are suitable for different applications, brazing conditions and braze properties. Nickel products are suitable for brazing of stainless steels, as well as nickel and copper-based alloys. Pastes are formulated from alloy powders and specialty grade organic binders. Binders are chosen to decompose cleanly, well below brazing / working temperatures, leaving no residues. Several different environmentally friendly binder formulations are available. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants.

Heat sources: Inert-gas continuous furnace H2/N2, cracked ammonia, exogas and vacuum furnace Braze family of alloys is available in: pastes and powder



LU-NO Alloys

Aluminium & Tin alloys

Aluminium brazing alloys

	Composition in %							Standard			
LIN-Alloy	Al	Si	Fe	Cu	Mn	Zn	Range °C	ISO 17672	EN 1044	AWS A5.8	
LU 105	Rem.	5	0,6	0,3	0,15	0,1	575 - 630	AI 105	AL 101		
LU 107	Rem.	7,5	0,8	0,25	0,1	0,2	575 - 615	AI 107	AL 102	BAISi-2	
LU 110	Rem.	10	0,8	0,3	0,05	0,1	575 - 590	AI 110	AL 103	BAISI-5	
LU 112	Rem.	12	0,8	0,3	0,15	0,2	575 - 585	Al 112	AL 104	BAISi-4	
LU 410	Rem.	10	0,8	0,3	0,05	1,75	576 - 588	Al 410			
LU 415	Rem.	11,75	0,8	0,25	0,1	1,75	576 - 609	AI 415	NO E		

Soldering alloys Composition in %

	Composition in %				Melting	Standard			
LIN-Alloy	Sn	Pb	Ag	Cu	Range °C	ISO 9453:2006	ISO 3677		
NO 101	63	37			183	101	S-Sn63Pb37		
NO 103	60	40			183 - 190	103	S-Sn60Pb40		
BO 111	50	50			183 - 215	111	S-Pb50Sn50		
BO 113	45	55	Carlos B	- 14-	183 - 226	113	S-Pb55Sn45		
BO 114	40	60			183 - 238	114	S-Pb60Sn40		
BO 115	35	65			183 - 245	115	S-Pb65Sn35		
BO 116	30	70			183 - 255	116	S-Pb70Sn30		
BO 117	20	80			183 - 280	117	S-Pb80Sn20		
BO 121	15	85			226 - 290	121	S-Pb85Sn15		
BO 122	10	90	A		268 - 302	122	S-Pb90Sn10		
BO 123	5	95	1	1	300 - 314	123	S-Pb95Sn5		
BO 124	2	98	10		320 - 325	124	S-Pb98Sn2		
NO 401	99		Y	1	227	401	S-Sn99Cu1		
NO 402	97			3	227 - 310	402	S-Sn97Cu3		
NO 501	99		0,3	0,7	217 - 227	501	S-Sn98Cu1Ag		
NO 502	95		1	4	217 - 353	502	S-Sn95Cu4Ag1		
NO 503	92		2	6	217 - 380	503	S-Sn92Cu6Ag2		
NO 701	96		4		221 - 228	701	S-Sn96Ag4		
NO 702	97		3		221 - 224	702	S-Sn97Ag3		
NO 703	96,5		3,5	N	221	703	S-Sn96Ag4		
NO 704	95		5		221 - 240	704	S-Sn95Ag5		
NO 711	96,5		3	0,5	217 - 220	711	S-Sn96Ag3Cu1		

Characteristics / Applications:

Soldering alloys for HVAC, plumbing and electronic applications. Every solder meets the highest standards for consistent performance and purity. The electronics-grade solder powder are produced through noble gas atomization while maintaining low oxides perfectly sized and spherical shape. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants. The lead bearing range of soft-solders are not available for sale within the EU due to European directive from Commission Regulation 2002/95/EC.

Heat sources: hot-air, torch, induction, resistance heating and laser Braze family of alloys is available in: paste, powder, rods, solid and flux cored wires



Gold alloys & Fluxes

Precious brazing filler metals

		Сс	ompositio	on in %			Melting		Standard			
LIN-Alloy	Au	Ag	Pd	Cu	Ni	In	Range °C	ISO 17672	EN 1044	AWS A5.8		
AU 295	30			70			995 - 1020	AU 295a	AU 104			
AU 300	30		34		36	100	1135 - 1165	AU 300		BAu-5		
AU 351	35			62	3	1	975 - 1030	AU 351		BAu-3		
AU 354	35			65	23		990 - 1010	AU 354		BVAu-9		
AU 375	38			62	1	1	980 - 1000	AU 375a	AU 103	BAu-1		
AU 503	50			50			955 - 970	AU 503		BVAu-10		
AU 625	63			37			930 - 940	AU 625	AU 102			
AU 700	70	12	8		22		1005 - 1045	AU 700		BAu-6		
AU 752	75		-		25		950 - 990	AU 752	AU 106			
AU 755 🧹	75	13		12			880 - 895	AU 755				
AU 800	80			20			890	AU 800		BAu-2		
AU 827	82				18		950	AU 827a	AU 105	BAu-4		
AU 927	92		8				1200 - 1240	AU 927		BAu-8		



Characteristics / Applications:

Extensive range of high purity, low vapor pressure precious brazing filler metals derived from gold and palladium based alloys and exceeds the most stringent requirements imposed by the power tube, aerospace, semiconductor, medical, electronic and vacuum industries in which they serve. The above list is a standard range of our regular production, for any special request please do not hesitate to contact us directly or through our consultants.

Heat sources: inert-gas continuous furnace H2/N2, cracked ammonia, exogas, vacuum furnace Braze family of alloys is available in: paste and powder

Brazing & Solder fluxes

3			Working	
LIN-Flux	Form	EN 1045	Range °C	Applications
W1	Powder	FH 10	550 - 800	General purpose
W2	Powder	FH 10	600 - 850	General purpose for high temperature
W2/P	Paste	FH 10	550 - 800	General
W3	Powder	FH 20	700 - 1000	For high temperature
W4	Powder	FH 21	700 - 1000	For high temperature
W5	Powder	FL 10	550 - 650	For Aluminium 4000 and 5000 series
W6	Powder	FL 10	550 - 650	For Aluminium 4000 to 6000 series

Units & Sizes

Particle size converter

This chart shows cross references among various units of measure for powder particle sizes.

	SIZE IN MYCRONS		U.S. STANDARD MESH SIZE	TYLER MESH SIZE	BRITISH STANDARD MESH SIZE
	1			12500 theoretical	
	2			6250 theoretical	
	5			2500 theoretical	
	10 15			1250 theoretical 800 theoretical	
	20			625 theoretical	
	25			500 theoretical	
	33	.0013	425		
	38	.0015	400		
	45	.0017	325	325	
	53	.0021	270	270	300
	63	.0025	230	250	
	66	.0026			240
	75	.0029	200	200	000
	76	.0030	170	170	200
	90 106	.0035 .0041	170 140	170 150	170 150
	125	.0041	120	115	120
	147	.0058	120	100	120
	150	.0059	100		
	152	.0060			100
	175	.0069		80	
	180	.0070	80		85
	208	.0082		65	
	212	.0083	70		72
/	246	.0097		60	
	250	.0098	60		<u> </u>
	251 259	.0099 .0116		48	60 52
	300	.0117	50	40	52
dV/	350	.0139	45	42	44
	417	.0164	10	35	
	420	.0165	40		
Interest of the second	495	.0195		32	
	500	.0197	35		30
ATR.	600	.0234	30	28	25
0	699	.0275			22
	701	.0276		24	
	710	.0278	25	00	
all all	833	.0328	20	20	
	850 853	0331 	20		18
	991	.0330	-	16	10
	1000	.0390	18	10	
	,000				

12



Customer's care

LINBRAZE's objective is to help the customers in over 150 countries to discover new ways to save on overall costs, improving the quality of their brazing processes thus improving the quality of their parts produced using our materials.

LINBRAZE supports the customers through the study of their latent or emerging needs, the creation and the development of products/services capable to meet their requests.

LINBRAZE is concentrated on offering transparent, effective and understandable communication to the customers. Understanding what is important to our customers gives us the opportunity to bring to them the solutions most suited to their needs.

Our objective is to propose the superior quality of *LINBRAZE* in terms of product, service, technical assistance and technology, presenting a business proposal with the right solutions in terms of optimization of the costs incurred by the customer.



Guidance to the Solution

LINBRAZE provides its customers with simple and innovative solutions tested in our labs before being proposed to them, guaranteed by 11 subsidiaries in more than 18 countries. Our consultative approach is focused to resolve problematic issues and improve production processes of our customers.

For more information about our solutions, for your industry, please contact us at the Headquarters in the Division Brazing & Metal Powders Division:

LINBRAZE S.r.I. C/da Torre Chimera - Sp180 93019 Sommatino (CL) ITALY

Tel: +39 0922 871 694 Fax: +39 0922 709 064 E-mail: info@linbraze.com Web: www.linbraze.com





Timely Delivery Service

LINBRAZE offers its customers a timely delivery service. By having centralized our manufacturing and our warehouse in our headquarters in Italy, we have the ability to manage with flexibility and immediacy the urgent requirements. Efficient services of logistics and transport with immediate availability in stock, make *LINBRAZE* a partner flexible, secure and reliable.



Worldwide Distribution

LINBRAZE is present in several countries in the world with agencies, direct and indirect. Contact us for more information about the point of sale nearest you.





Representative agent:

0

Brazing Filler Metals Jump into the deep of the brazing

C/da Torre Chimera - SP180 Google : 8f9p82g4+9v 93019 Sommatino (CL) ITALY

Tel. +39 0922 871 694 Fax +39 0922 709 064 www.linbraze.com

The future is in your hands