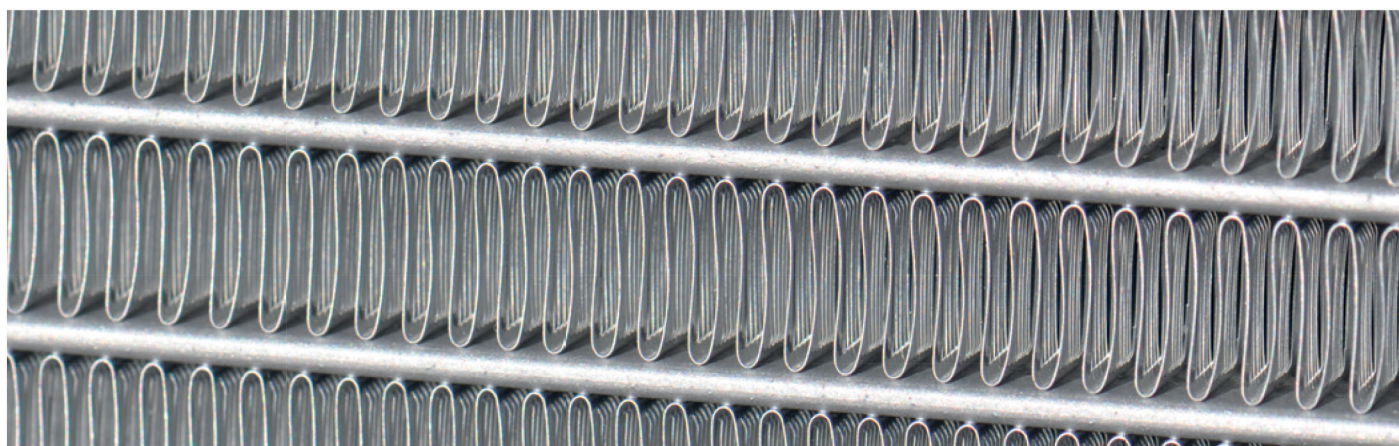


ALUMINIUM BRAZING FLUXES PRODUCT RANGE

Honeywell Fine Chemicals offers a wide, specialised range of high purity fine chemicals for aluminium brazing:

		KAlF _x	CsAlF _x	ZnF ₂	LiF	KF	NaF	Li ₃ AlF ₆	Na ₃ AlF ₆	K ₃ AlF ₆	K ₂ TiF ₆
FLUXING AGENTS	Standard aluminium-brazing flux	X									
	Aluminium-brazing flux for high magnesium containing alloys	X	X								
	Low-melting flux for flame brazing	X	X	X							
	Non-inhalable dust grades	X	X								
FLUX FORMULATIONS	Powder blends	X	X								
	Flux suspension	X	X								
	Paint flux	X	X								
	Flux paste	X	X								
	Brazing paste	X	X								
ADDITIVES FOR:	Aluminium alloys containing magnesium		X		X						
	Optimize melting behaviour				X			X	X		
	Reduce residue solubility				X					X	
	Improve oxide solubility									X	
	Reinforced aluminium-matrix composites										X
	Corrosive fluxes				X	X	X				

Honeywell Fine Chemicals product portfolio is constantly expanding to complement the existing range of high quality, consistent and reliable fluxes to serve customers in the aluminium brazing industry.



We are producing fluoroaluminates of potassium and cesium, which are key active components in aluminium brazing fluxes. Features of Honeywell potassium fluoroaluminate include:

- Uniform amorphous and less abrasive morphology
- High reactivity with aluminium oxide
- Low melting point
- Controlled and narrow particle size distribution
- Excellent free-flowing and non-settling properties

Article number	type	F	Al	K	Fe	Ca	Melting point onset	loss on ignition	Particle size (D50)
01774 - UF	Ultrafine	47- 53%	14 -18%	27 - 39%	≤0,03%	≤0,1%	≤555°C	≤5%	5 - 10µm
01740 - F	Fine	47- 53%	14 -18%	27 - 39%	≤0,03%	≤0,1%	≤555°C	≤2,5%	8 - 12µm
01732 - M	Medium	47- 53%	14 -18%	27 - 39%	≤0,03%	≤0,1%	≤555°C	≤2,5%	10,5 - 15µm
01776 - D	Dry	47- 53%	14 -18%	27 - 39%	≤0,03%	≤0,1%	≤555°C		≥ 15µm

Article number	type	F	Al	Cs	Melting point onset	loss on ignition	pH	Particle size (D50)
01773 - N	normal	28- 33%	8 -12%	56 – 62%	≤445°C	≤3%	4 - 11	5 - 20
01799 - S	special	28- 33%	8 -12%	56 – 62%	≤445°C	≤3%*	4 - 11	5 - 20
01781 - HW	high wetting	28- 33%	8 -12%	56 – 62%	≤445°C	≤5%	4 - 11	≥ 5µm

*application test

For more information

visit honeywell-brazingsolutions.com

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