



## Top Performance Adhesives for Air Filters Production



**icat**  
adesivi

# Hotmelts for Pleating

Product	Viscosity mPa.s	Temp.	R&B	Application
ICAMELT 2549/03	14.000	140°C	117°C	Hotmelt for minipleat filters on very fast machines.
ICAMELT 2549	13.000	140°C	112°C	Hotmelt for minipleat filters on fast machines.
ICAMELT 2549/L	11.000	140°C	105°C	Hotmelt for minipleat filters with longer open time, on slow Machines (8 to 10 meter/min.).
ICAMELT 2549/B	10.000	140°C	115°C	Hotmelt for minipleat filters on fast machines , white transparent, no smell adhesive.
<b>ICAMELT 2549/HT</b>	5.000	180°C	135°C	Hotmelt for high heat resistance minipleat filters ( 110°C ).
ICAMELT 720	15.000	180°C	90°C	Hotmelt for the gluing of DeepPleat filters - Multipurpose.
ICAMID 2720	1.500	150°C	100°C	Polyamideamine adhesive for filters assembly on automotive industry.
ICAMID 2940	1.400	170°C	140°C	Polyamideamine adhesive for filters assembly on automotive industry, characterized by high heat resistance.



ICAT Adhesives propose a large range of polyolefins and polyamideamine hotmelt adhesives for air filters production, both for industrial and for medical use.

Hotmelt adhesives by ICAT are suitable for pre-filter pleat, medium filter pleat, HEPA filter pleat, air filter assembly, humidifier, automotive air-conditioner filter, automobile air filter.

Our hot melt adhesives are formulated to not only improve equipment processing and produce superior quality filters, but also to withstand the requirements of the end-use application.



**ICAMELT 2549/HT:** the last innovation from ICAT, an hotmelt adhesive characterized by high heat resistance.

For optimum product solutions and cost-efficient application processes that deliver performance, quality, and value contact ICAT Adhesives.

# Polyurethanes for Sealing

Product	Viscosity mPa.s	Temp.	Mixing Ratio By Weight	Application
ICAPUR 545	600	23°C	100	Bicomponent polyurethane adhesive for filter frame sealing both for MiniPleat and DeepPleat– Medium potlife (6 min.) - semiflexible hardened film.
ICADUR 553	40	23° C	50	
ICAPUR 544	5.000	23°C	100	Similar to 545, but with short potlife ( 2 min. ) Stiff hardened film.
ICADUR 553	40	23° C	50	
ICAPUR 546/EC	3.000	23°C	100	Bicomponent polyurethane adhesive with inspected foaming for gasket and sealing.
ICADUR 553	40	23° C	42	
ICAPUR 548	15.000	23°C	100	Bicomponent polyurethane with inspected foaming for gaskets and sealing agent between filter and filter housing. Potlife of the foaming start (1'30"). Elastic hardened film.
ICADUR 553	40	23° C	35	
ICAPUR 550	1.500	23°C	100	Gel bicomponent polyurethane adhesive for the immediate production of gaskets and sealing agents between filter and filter housing. Potlife 35'-40'.
ICADUR 553	40	23° C	35	



High efficiency air filters are not complete without a potting compound to seal the pleats.

Polyurethane adhesives by ICAT are two component extremely reactive polyurethane filter adhesive, designed for use in organic vapor cartridges, bonding well to both plastic and various filter media.

They are suitable for frame set and filter media sealing, end-cap sealing, cartridge filling, filter multi-layer assembly, and sealing on filter bag sewing holes.





## SPECIALIST IN ADHESION



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