



Product Catalog

Hot-melt, Polyurethane
PVA.c & Solvent Based Adhesives



About Us

Utilizing the latest technological advancements, ALPHA KIMYA has been operating since 2000, across 2 production sites covering a total production area of 40,000 m², with 18,500 m² being enclosed.

Its product range includes EVA, PO, APAO, PSA Hotmelt adhesives, PVA.c adhesives, PU adhesives, and Solvent adhesives. ALPHA KIMYA caters to the requirements of its associates in 64 countries spanning four continents.

ALPHA KIMYA has maintained exceptional production standards and quality, resulting in a constantly expanding product range.

The company is committed to delivering unparalleled after-sales and technical consultancy services. Its manifesto is centered on principles that prioritize the use of the latest technology to provide the best possible product and service quality. These values translate to complete customer satisfaction.

Product

Hotmelt Adhesives

EVA • PSA • PO • STICK

We are producing high quality of EVA, PSA, PO Hotmelt adhesives for different sectors as;

- Woodworking
- Packaging
- Upholstery
- Filters
- Stick Hot-melts
- Profile Wrapping



HOTMELT ADHESIVES

Woodworking

Product Code	Application	Base	Working Temperature	Viscosity	Softening Point
Edge Banding					
SINGLEMELT 9611	Straight Edge Banding	EVA	190 °C – 210 °C	98.000 ± 20.500 mPas (at 190 °C)	98 ± 5 °C
SINGLEMELT 9613	Straight Edge Banding	EVA	180 °C – 200 °C	95.000 ± 20.500 mPas (at 190 °C)	97 ± 5 °C
SINGLEMELT 9615	Straight Edge Banding	EVA	180 °C – 200 °C	92.000 ± 20.500 mPas (at 190 °C)	102 ± 3 °C
SINGLEMELT 9617	Straight Edge Banding	EVA	180 °C – 200 °C	92.500 ± 30.500 mPas (at 190 °C)	100 ± 3 °C
SINGLEMELT 9619	Straight Edge Banding	EVA	180 °C – 200 °C	95.000 ± 32.500 mPas (at 190 °C)	103 ± 5 °C
SINGLEMELT 9621	Low-Filler	EVA	180 °C – 200 °C	72.000 ± 22.500 mPas (at 190 °C)	102 ± 5 °C
SINGLEMELT 9623	Yellowish Transparent	EVA	170 °C – 200 °C	62.500 ± 25.000 mPas (at 190 °C)	93 ± 5 °C
SINGLEMELT 9625	Clean Transparent	EVA	170 °C – 200 °C	63.000 ± 22.000 mPas (at 200 °C)	95 ± 5 °C
SINGLEMELT 9501	Curved Edge Banding	EVA	140 °C – 160 °C	32.000 ± 5.000 mPas (at 150 °C)	80 ± 3 °C
SINGLEMELT 9500	Transparent Curved Edge Banding	EVA	140 °C – 160 °C	60.000 ± 22.000 mPas (at 140 °C)	83 ± 5 °C
SINGLEMELT 9503	Curved Edge Banding	EVA	140 °C – 160 °C	30.000 ± 15.000 mPas (at 140 °C)	89 ± 5 °C
Profile Wrapping					
SINGLEMELT 4500	Profile Wrapping	EVA	180 °C – 200 °C	10.000 ± 4.200 mPas (at 190 °C)	85 ± 3 °C
SINGLEMELT 4600	Profile Wrapping	EVA	180 °C – 200 °C	14.000 ± 2.000 mPas (at 190 °C)	89 ± 3 °C
L Frame					
SINGLEMELT 3100	Door Frame	EVA	180 °C – 200 °C	80.000 ± 35.500 mPas (at 190 °C)	98 ± 5 °C

HOTMELT ADHESIVES

Woodworking

Product Code	Application	Base	Working Temperature	Viscosity	Softening Point
Edge Pre-Coating					
SINGLEMELT 6600	PVC Edge Pre-Coating	EVA	180 °C – 200 °C	8.800 ± 1.500 mPas (at 180 °C)	78 ± 3 °C
SINGLEMELT 6601	Melamine Pre-Coating	EVA	180 °C – 200 °C	90.000 ± 35.000 mPas (at 190 °C)	98 ± 3 °C
Mesh Applications					
SINGLEMELT 1100	Mesh Gluing	EVA	160 °C – 180 °C	10.000 ± 1.500 mPas (at 180 °C)	85 ± 3 °C
Stick Hotmelt					
SINGLEMELT 1200	Stick Hotmelt	EVA	90 °C – 95 °C	12.000 ± 4.500 mPas (at 190 °C)	92 ± 5 °C



HOTMELT ADHESIVES

Packaging & Other Applications

Product Code	Application	Base	Working Temperature	Viscosity	Softening Point
Packaging					
SINGLEMELT 2101	Packaging Hot-melt	EVA	180 °C – 200 °C	8.800 ± 1.500 mPas (at 180 °C)	78 ± 3 °C
SINGLEMELT 2102	Packaging Hot-melt	EVA	150 °C – 180 °C	1.200 ± 300 mPas (at 170 °C)	100 ± 5 °C
SINGLEMELT 2300	Packaging Hot-melt	PO	150 °C – 170 °C	1.300 ± 450 mPas (at 170 °C)	106 ± 3 °C
SINGLEMELT 2301	Packaging Hot-melt	PO	150 °C – 170 °C	1.350 ± 400 mPas (at 170 °C)	103 ± 3 °C
SINGLEMELT 2302 Plus	Packaging Hot-melt	PO	150 °C – 170 °C	1.300 ± 400 mPas (at 170 °C)	101 ± 3 °C
SINGLEMELT 2311	Packaging Hot-melt	PO	140 °C – 180 °C	3.500 ± 1.050 mPas (at 170 °C)	95 ± 3 °C
SINGLEMELT 2312	Packaging Hot-melt	PO	140 °C – 180 °C	3.000 ± 1.050 mPas (at 170 °C)	91 ± 3 °C
Filtering					
SINGLEMELT 888-B	Filter Applications	EVA	160 °C – 180 °C	4.700 ± 1.500 mPas (at 170 °C)	97 ± 3 °C
SINGLEMELT 888-S	Filter Applications	EVA	160 °C – 180 °C	4.700 ± 1.500 mPas (at 170 °C)	97 ± 3 °C
SINGLEMELT 666	HEPA Filter Applications	EVA	160 °C – 180 °C	3.500 ± 1.500 mPas (at 170 °C)	97 ± 3 °C
Bookbinding					
SINGLEMELT 520	Side Gluing	PSA	150 °C – 180 °C	3.300 ± 700 mPas (at 170 °C)	88 ± 3 °C
SINGLEMELT 555	Binding Applications	EVA	150 °C – 180 °C	6.000 ± 2.100 mPas (at 170 °C)	90 ± 3 °C



HOTMELT ADHESIVES

Upholstery

Product Code	Application	Base	Working Temperature	Viscosity	Softening Point
Upholstery					
SINGLEMELT 444	Pocket Spring	EVA	180 °C – 200 °C	3.000 ± 500 mPas (at 180 °C)	110 ± 5 °C
SINGLEMELT 444-1	Pocket Spring	EVA	180 °C – 200 °C	2.500 ± 150 mPas (at 170 °C)	70 ± 2 °C
SINGLEMELT 401	PSA Hot-melt	SBR Rubber	150 °C – 170 °C	1.600 ± 150 mPas (at 170 °C)	90 ± 2 °C
SINGLEMELT 402	PSA Hot-melt	SBR Rubber	130 °C – 160 °C	1.750 ± 450 mPas (at 160 °C)	97 ± 3 °C
SINGLEMELT 403	PSA Hot-melt	SBR Rubber	130 °C – 160 °C	1.750 ± 450 mPas (at 160 °C)	97 ± 3 °C



Product

Solvent Adhesives

Our production portfolio includes Solvent Based Adhesives for following applications;

- Upholstery
- Contact
- Postforming
- Membran Press
- Profile Wrapping
- Isolation
- Shoe
- Solid PVC

SOLVENT ADHESIVES

Upholstery, Contact & Postforming

Product Code	Application	Color	Viscosity
Upholstery			
PRiME 111	Matress & Armchair	Transparent & Red	90 ± 20 (at 20 °C DIN Cup No. 4)
PRiME 112	Matress & Armchair	Transparent & Red	115 ± 15 (at 20 °C DIN Cup No. 4)
PRiME 113-1	Matress & Armchair	Transparent & Red	95 ± 10 (at 20 °C DIN Cup No. 4)
PRiME 113-2	Matress & Armchair	Transparent & Red	95 ± 20 (at 20 °C DIN Cup No. 4)
Contact			
PRiME 221	Contact	Dark Yellow	83 ± 10 (at 20 °C DIN Cup No. 4)
PRiME 222	Contact	Dark Yellow	20 ± 3 (at 20 °C DIN Cup No. 4)
PRiME 223	Contact	Dark Yellow	90 ± 15 (at 20 °C DIN Cup No. 4)
Postforming			
PRiME 261	Postforming	Transparent & Red	17 ± 4 (at 20 °C DIN Cup No. 4)
PRiME 262	Postforming	Transparent & Red	16 ± 4 (at 20 °C DIN Cup No. 4)
PRiME 263	Postforming	Transparent & Red	19 ± 2 (at 20 °C DIN Cup No. 4)
Isolation			
PRiME 291	Isolation	Red	17 ± 4 (at 20 °C DIN Cup No. 4)
PRiME 291-1	Isolation	Transparent	40 ± 12 (at 20 °C DIN Cup No. 8)
PRiME 292-2	Isolation	Transparent	11 ± 3.5 (at 20 °C DIN Cup No. 8)

SOLVENT ADHESIVES

Profile Wrapping Adhesives

Product Code	Application	Color	Viscosity
Profile Wrapping			
COOLWRAP 4441	Interior Application	Yellow	130 ± 15 (at 20 °C DIN Cup No. 8)
SINGLE 4451	Exterior Application	Yellow	130 ± 15 (at 20 °C DIN Cup No. 8)
SINGLE 4461	Surface Preparation	Light	-
SINGLE 4471	Component	Yellow	14 ± 5 (at 20 °C DIN Cup No. 6)



Product

PVA.c Adhesives

Our production portfolio includes Water Based Adhesives for following applications;

- D1, D2, D3, D4
- Packaging
- Postforming
- Dowelling



PVA.c ADHESIVES

All Applications

Product Code	Application	Color	Viscosity
PVA.c Dispersions			
SINGLE YO-381	D1	White White when dries	14.000 ± 800 cps at 22°
SINGLE YO-382	D2	White Transparent when dries	11.000 ± 400 cps at 22°
SINGLE YO-383	D2	White Transparent when dries	22.500 ± 3.500 cps at 22°
SINGLE YO-391	D2	White Transparent when dries	14.000 ± 1000 cps at 22°
SINGLE YO-151	D3	White Transparent when dries	14.000 ± 4500 cps at 20°
SINGLE YO-152	D3	White Transparent when dries	14.400 ± 800 cps at 20°
SINGLE YO-153	D3	White Transparent when dries	16.000 ± 4000 cps at 20°
SINGLE YO-154	D3	White Transparent when dries	10.000 ± 2000 cps at 20°
Packaging			
SINGLE YO-1991	Carton Closing	White	110 ± 25 cps at 20°
Laminate Surfacing			
SINGLE YO-1981	Lamination	White	12.800 ± 800 cps at 22°

Product

PU Adhesives

Our production portfolio includes Polyurethane Based Adhesives for following applications;

- Membrane Press
- Sandwich Panel
- Marine Glue



Polyurethane ADHESIVES

All Applications

Product Code	Application	Color	Viscosity
Membrane Press			
SINGLE PU-881	Water Based PU	White	1.900 ± 800 cp at 22°
SINGLE PU-882	Water Based PU	White	1.750 ± 570 cp at 22°
SINGLE PU-883	Solvent Based PU	Varies	10 ± 2 cps at 20°
SINGLE PU-384	Water Based PU	White	1.600 ± 420 cp at 22°
Marine Adhesives			
SINGLE PU-811	PU D4	Transparent	1.350 ± 580 cps at 20°
SINGLE PU-812	PU D4	Amber	1.350 ± 580 cps at 20°
Sandwich Panel			
SINGLE PU-801	1 Component PU	Green	5.200 ± 2.000 cps at 20°
SINGLE PU-802	2 Component PU	Milky White	500.000 ± 50.000 cps at 20°

SingleMelt - Product Catalogue



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