



DURABLE ASSEMBLY EIMEA

Product Selection Guide For Home Appliances

When it comes to design, production and use of household electric appliances, H.B. Fuller provides all-around appliance adhesive application solutions (including automatic dispensing equipment) to assist customers in raising product quality and improving production efficiency.

For more than 20 years, H.B. Fuller bonding and sealing products have been used in washing machines, clothes dryers, dishwashers, ovens, refrigerators and freezers. Together with its affiliates Cyberbond and Kömmerling H.B. Fuller is able to provide one-stop system solutions for a big variety of applications in appliances manufacturing.

REFRIGERATORS AND FREEZERS

Application	Technology	Key Products	Product description
Control panel bonding	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance, fast cohesion built up
	Hotmelt PSA	Swift®melt 3648	High cohesion, very tacky, good heat resistance
Components positioning	Cyanoacrylate	CB 2006	Fast curing adhesive with good ageing resistance, low viscosity
	VHB Tape	Köratape AT3	Pressure sensitive bonding, solid composition for easy cutting, flexible, moldable and compressible, adhesion at sub-zero temperatures
Handle reinforcement	2-K STP	Körapop 240 2-K	Elastic, high cold and heat resistance, excellent moisture resistance
	2-K Silicone	Ködiglaze S	High strength and elasticity, excellent mechanical properties, very good adhesion
Glass door bonding to ABS & metal frame	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance
NVH Sound deadening	LASD - Liquid Applied Sound Deadener	Ko-Sonic 2104	Innovative sound damping system based on Polyurethane just liquid applied as thick film coating via a one-step flatstream application process; offers high damping performance with superior properties compared to traditional sound damping technologies
Interior door gasket bonding	Cyanoacrylate	CB 2008	Fast curing adhesive with good ageing resistance, very low viscosity enables very thin adhesive layer
Foam stop	Non reactive Hotmelt	Swift®melt 1838	High tack properties, clear film, good adhesion to various materials like plastic, metals or painted materials
Pipe thread sealing	Anaerobics	SH 27	Medium strength, high viscosity, for pipe and flange sealing and instant gasket, can be dismantled
Evaporator & condenser coil bonding	Heat conducting Butyl	Ködiplast HV 648	Self-sticking, solvent free, good heat conductivity
VIP plate bonding	Hotmelt PSA	Lunamelt PS 4015	Strong self-adhesive, good balance between stickiness and cohesion, good temperature and shear resistance
Interior liner seam sealing	Hotmelt PSA	Lunamelt PS 4015	Strong self-adhesive, good balance between stickiness and cohesion, good temperature and shear resistance
	1-K STP	Körapop 225	Elastic moisture curing adhesive and sealant with high cold and heat resistance and excellent moisture resistance

DISHWASHERS

In addition to bonding a variety of materials, high temperature resistant performance and fast curing, H.B. Fuller products also very pay attention to safe environmental protection, widely used in high temperature kitchen appliances such as ovens, cooktops and dishwashers. It can not only ensure safe use of end consumers, but also ensure health and safety of assembly workers.

Application	Technology	Key Products	Product description
Top panel bonding	Hotmelt PUR	Rakoll 4654	High initial strength, high thermal stability after final curing and very good flexibility
Seam Sealing	2-K Silicone	Köditec 2-K	High resistance to heat, water, oils and detergents
Glass panel bonding	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance, fast cohesion built up
Flange sealing and pipe sealing	Anaerobics	SH 27	Medium strength, high viscosity, for pipe and flange sealing and instant gasket, can be dismantled
Retaining and thread locking	Anaerobics	RH 98	High strength, high viscosity, thixotropic, high temperature resistance
NVH Sound deadening	LASD - Liquid Applied Sound Deadener	Ko-Sonic 2140	Innovative sound damping system based on Polyurethane just liquid applied as thick film coating via a one-step flatstream application process; offers high damping performance with superior properties compared to traditional sound damping technologies
Control panel bonding	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance
	Hotmelt PSA	Lunamelt PS 4015	Strong self-adhesive, good balance between stickiness and cohesion, good temperature and shear resistance
Panel stiffening	2-K STP	Körapop 240 2-K	Elastic, high cold and heat resistance, excellent moisture resistance



COOKTOPS AND OVENS

COOKTOPS

Application	Technology	Key Products	Product description
Glass ceramics panel bonding to ABS	1-K Silicone	Köditec 114	High heat resistance (short term up to +350 °C), high mechanical strength
	Hotmelt PUR	Swift®lock 4023 F	Low viscosity, short open time
Cooktop and ceramic hob bonding and sealing	1-K Silicone	Köditec 114	High heat resistance (short term up to +350 °C), high mechanical strength
	2-K Silicone	Ködiglaze S	High strength and elasticity, excellent mechanical properties, very good adhesion
Control panel bonding	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance

OVENS

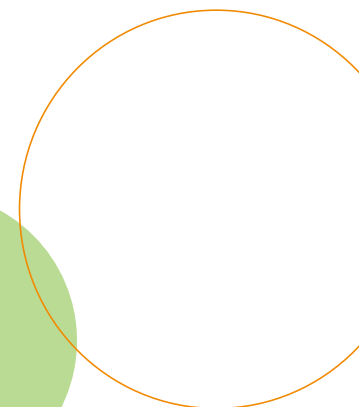
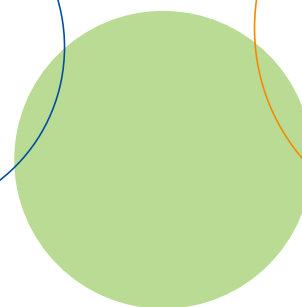
Application	Technology	Key Products	Product description
Control panel bonding	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance
Tank sealing and bracket bonding	1-K Silicone	Köditec 114	High heat resistance (short term up to +350 °C), high mechanical strength
Convection blower bonding			
Door glass and stiffener bonding			



WASHERS AND DRYERS

H.B. Fuller focuses on cost control and product quality together with customers, providing product solutions for washing machines and clothes dryers including automatic sizing equipment, which can achieve durable, reliable, environmentally friendly and efficient sealing and bonding, and help customers reduce cost and increase efficiency.

Application	Technology	Key Products	Product description
Door assembly bonding	1-K STP	Körapop 225	Elastic moisture curing adhesive and sealant with high cold and heat resistance and excellent moisture resistance
		Körapop 240	
Door gasket bonding	Cyanoacrylate	CB 2008	Fast curing adhesive with good ageing resistance, very low viscosity enables very thin adhesive layer
Cover plate bonding	Hotmelt PUR	Rakoll 4654	High initial strength, high thermal stability after final curing and very good flexibility
Control panel bonding	Cyanoacrylate	CB 2006	Fast curing adhesive with good ageing resistance, low viscosity
NVH Sound deadening	LASD - Liquid Applied Sound Deadener	Ko-Sonic 2140	Innovative sound damping system based on Polyurethane just liquid applied; offers high damping performance with superior properties compared to traditional sound damping technologies
Motor magnets bonding	2-K Epoxy	Köradox 735	Reaction adhesive for fast bonding and casting of glass, ceramic, stone, metal and electronic parts
Bolt locking	Anaerobics	RH 98	High strength, high viscosity, thixotropic, high temperature resistance
Motor shell sealing	1-K STP	Körapop 225	Elastic moisture curing adhesive and sealant with high cold and heat resistance and excellent moisture resistance
		Körapop Alu	Elastic moisture curing adhesive and sealant with high cold and excellent moisture resistance, aluminium colour
Glass bonding to ABS and metal	Hotmelt PUR	Swift®lock 2441	Curable using ambient humidity, offers a broad spectrum of adhesion, good temperature resistance, fast cohesion built up
Pipe thread sealing	Anaerobics	SH 27	Medium strength, high viscosity, for pipe and flange sealing and instant gasket, can be dismantled
Counterweight bolt locking	Anaerobics	RH 98	High strength, high viscosity, thixotropic, high temperature resistance



ABOUT H.B. FULLER

Since 1887, H.B. Fuller has been a leading global adhesives provider focusing on perfecting adhesives, sealants and other specialty chemical products to improve products and lives. H.B. Fuller's commitment to innovation brings together people, products and processes that answer and solve some of the world's biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in electronics, disposable hygiene, health and beauty, medical, transportation, aerospace, clean energy, packaging, construction, woodworking, general industries and other consumer businesses. And, our promise to our people connects them with opportunities to innovate and thrive.

 H.B. Fuller | Engineering Adhesives

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IMPORTANT: It is the user's responsibility to test and determine the suitability of a product for the user's intended use. Any product samples provided for testing are provided in accordance with standard limited warranties as stated on our technical data sheets.

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