



Loctite® brand Hysol® Hot Melt Adhesives were developed to bond a variety of substrates, including difficult-to-bond plastics. These adhesives can handle today's toughest applications in a broad range of industries. Hysol® Hot Melts are ideal for applications that require high speed manufacturing, bonding versatility, very large gap filling, fast green strength, and minimal shrinkage. Hysol® Hot Melts are solvent-free, environmentally friendly materials with no harmful VOCs.

BONDING

HOT MELT ADHESIVES

Loctite® 3631™ Hysol® Hot Melt Adhesive

Urethane

A toughened, high strength adhesive for use on plastics. Flexible bond with an open time of 60 seconds.

Loctite® 3632™ Hysol® Hot Melt Adhesive

Urethane

A high strength, impact-resistant adhesive with a long work life of 180 seconds.

Loctite® 3650™ Hysol® Hot Melt Adhesive

Polyolefin

A general purpose adhesive. Open time of 60-80 seconds.

Loctite® 3651™ Hysol® Hot Melt Adhesive

Polyolefin

An adhesive for plastic bonding. Ideal for polyethylene and polyolefin plastics. Long open time of 80-100 seconds.

Loctite® 7460™ Hysol® SprayPac® Polyshot™ Hot Melt Adhesive

Polyamide

Formulated for spray applications. High heat resistance and fast set time. Suitable for bonding foams, fabric, and wood.

Loctite® 7500™ Hysol® SprayPac® Polyshot™ Hot Melt Adhesive

Polyamide

Formulated for long open time and high output for bonding surfaces up to 15 square feet.

Loctite® 7809FR™ Hysol® Hot Melt Adhesive

Polyamide

Modified with fire retardant materials. It has a UL 94V-0 flammability rating.

Loctite® 7811™ Hysol® Hot Melt Adhesive

Polyamide

A high performance polyamide with exceptional high temperature resistance and impact at low temperatures.

Loctite® 7901™ Hysol® Hot Melt Adhesive

Polyamide

Low viscosity polyamide used extensively for potting and encapsulating.

Loctite® 1X™ Hysol® Hot Melt Adhesive

EVA Based

Medium to fast setting, recommended for bonding paper, wood, fabric, and foam.

Loctite® 3X™ Hysol® Polyshot™ Hot Melt Adhesive

EVA Based

Used extensively for bonding sand molds and other porous substrates.

Loctite® 232™ Hysol® Hot Melt Adhesive

EVA Based

A medium setting adhesive with an open time of 15 seconds.

Loctite® 236™ Hysol® Hot Melt Adhesive

EVA Based

Clear, toughened, flexible EVA based adhesive with superior wetting properties.

Loctite® 1942™ Hysol® Hot Melt Adhesive

EVA Based

Medium setting, general purpose hot melt adhesive. Excellent adhesion to wood and many plastics.

Loctite® 0420™ Hysol® SprayPac® Polyshot™ Hot Melt Adhesive

EVA Based

Formulated for spray applications. Has an open time of 2 minutes when sprayed and 45 seconds when bead applied.

Loctite® 0430™ Hysol® SprayPac® Polyshot™ Hot Melt Adhesive

EVA Based

Suitable for bonding expanded polystyrene, polyethylene, and urethane foams. Can be used in applications where solvent-based aerosols are used.

Loctite® 0437™ Hysol® SprayPac® Hot Melt Adhesive

EVA Based

Formulated to be spray applied to a wide variety of substrates.

Loctite® 0450™ Hysol® SprayPac® Polyshot™ Hot Melt Adhesive

EVA Based

Formulated for spray applications, this adhesive is well suited for use on expanded polystyrene or urethane foams.

Loctite® 0452™ Hysol® SprayPac® Hot Melt Adhesive

EVA Based

Formulated to be spray applied to a wide variety of substrates. Excellent for bonding expanded polystyrene or urethane foams.

Loctite® CoolMelt™ Hysol® Hot Melt Adhesive

EVA Based

Flexible material designed to be applied at low temperatures. Ideal for bonding heat sensitive parts.

Loctite® QuikPac™ Hysol® Hot Melt Adhesive

EVA Based

Fast setting material with a 15 second open time.

Loctite® SuperPac™ Hysol® Hot Melt Adhesive

EVA Based

A medium setting material with a 30 second open time, it is formulated to bond cardboard and foams.

Loctite® WaxPac™ Hysol® Hot Melt Adhesive

EVA Based

Medium setting flexible based material formulated to bond wax coated substrates and withstand low temperatures.

ADDITIONAL OFFERINGS

For related dispensing equipment, see pages 108-110 in the Equipment section of this catalog.



**LOCTITE® BRAND HYSOL® HOT MELT
ADHESIVES PROPERTIES CHART**

PRODUCT	Item Number	Container	Color	Viscosity cP at Dispense Temperature	Tensile Strength (psi)	Open Time	Temperature Resistance	% Elongation	Hardness (Shore A)	Agency Approvals
1X™ Hysol®	83357	Sample 5 lb. pellets	-	2,000	370	15 seconds	150°F	90	-	FDA CFR175.105
	83358	40 lb. carton pellets								
	83359	Maxistick™ sample 7 oz. bag								
	83360	Maxistick™ 35 lb. carton								
	83362	PT™ stick 35 lb. carton								
	83364	Superstick™ sample 10" 5 oz. bag								
	83365	Superstick™ 10" 25 lb. carton								
	83367	Polyshot™ 12 oz. bag								
83368	Polyshot™ 35 lb. carton									
3X™ Hysol®	83369	Polyshot™ sample 12 oz. bag	-	4,000	580	60 seconds	135°F	300	-	FDA CFR175.105
	83370	Polyshot™ 35 lb. carton								
342™ Hysol®	83255	Polyshot™ 35 lb. carton	-	8,250	800	5 seconds	166°F	60	-	FDA CFR175.105
740™ Hysol®	83260	Superstick™ sample 10" 5 oz. bag	-	9,000	750	10 seconds	168°F	75	-	FDA CFR175.105
	83261	Superstick™ 10" 25 lb. carton								
	83263	Polyshot™ sample 12 oz. bag								
	83264	Polyshot™ 35 lb. carton								
O420™ Hysol® SprayPac®	83346	12 oz. Polyshot™ sample bag	Cream	10,500	-	2 minutes sprayed	153°F	-	-	-
O430™ Hysol® SprayPac®	83348	Polyshot™ 12 oz. sample bag	Cream	5,000	280	3.5 minutes sprayed	170°F	-	75	-
	83349	Polyshot™ 35 lb. carton								
O430™ Red Hysol® SprayPac®	83350	Polyshot™ 12 oz. sample bag	Pink	5,000	280	3.5 minutes sprayed	170°F	-	75	-
	83351	Polyshot™ 35 lb. carton								
O437™ Hysol® SprayPac®	83256	35 lb. carton bricks	Cream	5,200	270	3.5 minutes sprayed	170°F	-	75	-
O450™ Hysol® SprayPac®	83353	Polyshot™ 12 oz. sample bag	Natural	4,500	-	5-8 minutes	156°F	-	-	-
	83354	Polyshot™ 35 lb. carton								
O450™ Red Hysol® SprayPac®	83355	Polyshot™ 12 oz. sample bag	Pink	4,500	-	5-8 minutes	156°F	-	-	-
	83356	Polyshot™ 35 lb. carton								
O452™ Hysol® SprayPac®	83257	21 lb. SprayPac® pucks	Natural	4,300	-	5-8 minutes	156°F	-	-	-
1942™ Hysol®	83266	5 lb. sample bag pellets	Tan	5,000	250	30 seconds	142°F	500	-	FDA CFR175.105
	83267	40 lb. carton pellets								
	83268	Maxistick™ sample 7 oz. bag								
	83269	Maxistick™ 35 lb. carton								
	83271	PT™ stick 35 lb. carton								
	83272	Ministick™ 35 lb. carton								
	83273	Superstick™ sample 10" 5 oz. bag								
	83274	Superstick™ 10" 25 lb. carton								
	83275	Superstick™ 4" 25 lb. carton								
	83276	Polyshot™ sample 12 oz. bag								
	83277	Polyshot™ 35 lb. carton								
	6002™ Hysol®	83280								
83283		Superstick™ 10" 25 lb. carton								
83285		Polyshot™ 35 lb. carton								
CoolMelt™ Hysol®	83393	CoolMelt™ Maxistick™ sample 7 oz. bag	-	7,200	195	15 seconds	140°F	800	-	FDA CFR175.105
	83394	CoolMelt™ Maxistick™ 35 lb. carton								
SuperPac™ Hysol®	83402	Maxistick™ sample 7 oz. bag	-	5,750	280	30 seconds	144°F	200	-	FDA CFR175.105
	83403	Maxistick™ 35 lb. carton								
	83404	Polyshot™ sample 12 oz. bag								
	83405	Polyshot™ 35 lb. carton								
QuikPac™ Hysol®	83395	Sample pellets 5 lb. bag	-	4,645	-	15 seconds	174°F	-	-	FDA CFR175.105
	83397	Maxistick™ sample 7 oz. bag								
	83398	Maxistick™ 35 lb. carton								
	83399	Polyshot™ sample 12 oz. bag								
	83400	Polyshot™ 35 lb. carton								
WaxPac™ Hysol®	83408	Maxistick™ sample 7 oz. bag	-	2,700	730	30 seconds	150°F	-	-	FDA CFR175.105
	83410	Polyshot™ sample 12 oz. bag								

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232™ Hysol®	83237	5 lb. sample bag pellets	Clear	11,000	-	15 seconds	153°F	-	-	FDA CFR175.105
	83239	40 lb. carton pellets								
	83241	Maxistick™ 35 lb. carton								
	83244	Superstick™ 10" sample 5 oz. bag								
	83245	Superstick™ 10" 25 lb. carton								
	83246	Polyshot™ sample 12 oz. bag								
83247	Polyshot™ 35 lb. carton									
236™ Hysol®	83251	Superstick™ sample 10" 5 oz. bag	Clear	8,500	213	25 seconds	140°F	450	-	FDA CFR175.105
	83252	Superstick™ 10" 25 lb. carton								
740LV™ Hysol®	83373	40 lb. carton pellets	-	3,500	700	10 seconds	215°F	80	-	FDA CFR175.105
	83374	Polyshot™ 35 lb. carton								
3631™ Hysol®	31291	300 ml cartridge	Off white	12,000	1,800	60 seconds	250°F	940	91	-
	31279	5 gallon pail								
3632™ Hysol®	31289	300 ml cartridge	Off white	15,000	650	180 seconds	250°F	1,000	85	-
	31278	5 gallon pail								
3650™ Hysol®	31302	10 kg pellets	Light beige	2,900	305	60-80 seconds	176°F	43	87	-
	31297	20 kg pellets								
3651™ Hysol®	31303	12 kg squares	Beige	10,000	334	80-100 seconds	266°F	790	55	-
7460™ Hysol® SprayPac®	83308	Polyshot™ 25 lb. pail	Pale/Amber	6,700	-	30 seconds	210°F	-	-	-
7500™ Hysol® SprayPac®	83312	Polyshot™ sample 13 oz. bag	Pale/Amber	1,900	-	2 minutes	200°F	-	-	-
	83313	Polyshot™ 25 lb. pail								
7803™ Hysol®	83323	Polyshot™ 25 lb. pail	Amber	1,450	380	20 seconds	248°F	-	-	-
7804™ Hysol®	83325	5 lb. bag sample pellets	Amber	7,500	340	35 seconds	220°F	900	74	-
	83326	40 lb. carton pellets								
	83327	Superstick™ sample 10" 5 oz. bag								
	83328	Superstick™ 10" 32 lb. carton								
	83329	Polyshot™ sample 13 oz. bag								
	83330	Polyshot™ 25 lb. pail								
7804FRM-HV™ Hysol®	83382	40 lb. carton pellets	Off white	6,000	2,454	35 seconds	220°F	300	-	UL Listed for U.S.
	83383	Superstick™ 10" sample 5 oz. bag								
	83384	Superstick™ 10" 30 lb. pail								
	83386	Polyshot™ sample 13 oz. bag								
7809FR™ Hysol®	83388	5 lb. bag sample pellets	Amber	7,000	363	35 seconds	240°F	373	85	UL Listed for U.S.
	83390	Superstick™ sample 10" 13 oz. bag								
	83391	Polyshot™ 13 oz. bag								
7810™ Hysol®	83335	Polyshot™ sample 13 oz. bag	Amber	3,400	300	30 seconds	215°F	800	-	-
7811™ Hysol®	83337	5 lb. bag sample pellets	Amber	6,400	400	35 seconds	266°F	1,200	-	-
	83339	Polyshot™ sample 13 oz. bag								
7901™ Hysol®	83341	5 lb. bag sample pellets	Amber	750	260	35 seconds	300°F	80	84	-
	83342	40 lb. carton pellets								
	83343	Polyshot™ sample 13 oz. bag								
	83344	Polyshot™ 25 lb. pail								

**LOCTITE® BRAND HYSOL® HOT MELT STICK
SIZE/DIAMETER CHART**

Description	Diameter	Lengths	Loctite® Brand Applicators by Item #
Superstick™	.50"	4" & 10"	98030, 98031, 98032, 98029
Maxistick™	.75"	2.4"	98033, 98034
Polyshot™	1.75"	1.5"	98035, 98036, 98040, 98037, 98041