

Product Selection Guide Hauthane Polyurethane Dispersions

Co-solvent free grades

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
HD-2015	Aliphatic	35	4500	440	1550	Medium hard, economical, polyether-based
HD-2024	Aliphatic	45	4000	750	480	Soft, economical, polyether-based
HD-4664	Aliphatic	50	6000	625	800	Soft, good value, polyether/polyester-based
HD-4669	Aliphatic	40	6300	270*	3600	Hard, good value, polyether/polyester-based
HD-4675	Aliphatic	38	5900	190*	4400	Hardest, low co-solvent demand, polyester-based
L-3225	Aliphatic	38	5900	190*	4400	Self-coalescing version of HD-4675, polyester-based
L-3528	Aliphatic	35	4400	340*	2040	Hard, humidity-resistant, polycarbonate-based
L-3529	Aliphatic	35	3650	640	375	Soft, humidity-resistant, polycarbonate-based
L-3614	Aliphatic	35	5760	810	1050	Soft, TEA-free, APEO-free, tin-free, polyester-based
L-3615	Aliphatic	35	6000	260*	4300	Hard, TEA-free, APEO-free, tin-free, polyester-based

Hydroxyl functional grades

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
HD-6000	Aliphatic	35	7000	230	4850	Crosslinkable with W/D isocyanates, polyester-based
HD-6002	Aliphatic	35	6500	220*	3900	Crosslinkable with W/D isocyanates, polycarbonate-based
L-2883	Aliphatic	35	7000	230	4850	NMP/APEO-free, crosslinkable with W/D isocyanates, polyester-based
L-2996	Aliphatic	35	6500	220*	3900	NMP-free, crosslinkable with W/D isocyanates, polycarbonate-based

NMP-free/APEO-free grades (DMM-containing)

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
L-2875	Aliphatic	35	5900	190*	4400	Low VOC, "greener" version of HD-4675, polyester-based
L-2877	Aliphatic	35	6000	200*	3400	Flexible, abrasion and chemical resistance, polyester-based (HD-2107)
L-2882	Aliphatic	35	8500	35*	NM	Chemical and stain resistant, polyester-based (HD-2120)
L-2883	Aliphatic	35	6825	210*	4700	Hydroxyl-functional for 2K systems, polyester-based (HD-6000)
L-2892	Aliphatic	35	4850	50*	NM	Excellent flow/leveling, early-water resistant, polyester-based (HD-2117)
L-2896	Aliphatic	35	6375	300*	3180	Humidity and water resistant, polycarbonate-based (HD-2503)
L-2942	Aliphatic	35	4515	185*	3450	Adhesion to low-energy plastics and PVC, polyester-based (HD-2142)
L-2969	Aliphatic	35	5000	500	700	Modifying grade with good water resistance, polyester-based (HD-2101)
L-2996	Aliphatic	35	6500	220	3900	Hydroxyl-functional for 2K systems, polycarbonate-based (HD-6002)
L-3101	Aliphatic	35	7800	100*	5200	Humidity and water resistant, polycarbonate-based (HD-2504)
L-3385	Aliphatic	32	2400	160*	1850	Self-crosslinking, polyester-based (L-3155)

Most economical grades²

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
HD-4664	Aliphatic	50	6000	625	800	Co-solvent free, high solids, polyether/polyester-based
HD-4669	Aliphatic	40	6300	270*	3600	Co-solvent free, medium hard, polyether/polyester-based
HD-2024	Aliphatic	45	4000	750	480	Co-solvent free, soft, polyether-based

Hardest grades¹

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
HD-2120	Aliphatic	35	8500	35*	NM	Chemical and stain resistant, polyester-based
HD-2117	Aliphatic	35	4850	50*	NM	Chemical and “early-water” resistant, polyester-based
HD-2125	Aliphatic	35	8000	150*	5200	Alcohol and stain resistant, polyester-based
HD-2504	Aliphatic	35	7800	100*	5200	Exterior durable, humidity resistant, polycarbonate-based
HD-2503	Aliphatic	35	6825	210*	4700	Exterior durable, humidity resistant, polycarbonate-based
HD-4675	Aliphatic	38	5900	190*	4400	Co-solvent-free, low VOC potential, exterior durable, polyester-based
HD-4669	Aliphatic	40	6300	270*	3600	Co-solvent-free, economical, polyether/polyester-based
HD-2107	Aliphatic	35	6000	200*	3400	Flexible, abrasion and chemical resistance, polyester-based

Most chemical-resistant grades²

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
HD-2120	Aliphatic	35	8500	35*	NM	Very hard, vinyl adhesion, polyester-based. Also see L-2882
HD-2117	Aliphatic	35	4850	50*	NM	Fast water-resistant development, polyester-based. Also see L-2892
HD-2125	Aliphatic	35	8000	150*	5200	Hard, vinyl adhesion, polyester-based. Also see L-2897
L-3155	Aliphatic	32	2400	160*	1850	Self-crosslinking, polyester-based. Also see L-3385
HD-2107	Aliphatic	35	6000	200*	3400	Flexibility, abrasion-resistance. Also see L-2877
HD-4669	Aliphatic	40	6300	270*	3600	Most economical
HD-4675	Aliphatic	38	5900	190*	4400	Exterior durable, NMP-free

Specialty grades

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
HD-2101	Aliphatic	40	5000	500	700	Soft, modifying grade, polyester-based
HD-2142	Aliphatic	35	4515	185*	3450	Adhesion to low-energy plastic substrates and PVC, polyester-based
HD-2334	Aliphatic	45	3500	200*	2500	Flame retardant, co-solvent free
HD-2503	Aliphatic	35	6825	210*	4700	Hard, exterior durable, polycarbonate-based
HD-2504	Aliphatic	35	7800	100*	5200	Hardest, exterior durable, polycarbonate-based
HD-2602	Aliphatic	35	6375	300*	3180	Silicone-modified, polyester-based
L-3155	Aliphatic	32	2400	160*	1850	Self-crosslinking, polyester-based

Specialty grades (con't)

	Type	Solids (% wt)	Tensile (min psi)	Elong (%)	100%Mod (psi)	Description
L-3360	Aliphatic	35	1600	370	700	Partially bio-renewable based, soft
L-3369	Aliphatic	35	2700	300	2050	Partially bio-renewable based, hard
L-3415	Aliphatic	35	NM	NM	NM	UV-curable, VOC-free, very hard, polyester-based
L-3466	Aliphatic	35	6000	300*	3000	Silicone-modified, polyester-based with dye transfer resistance
L-3524	Aliphatic	35	4800	50*	NA	Low VOC, low temperature-curable (50° F), polyester-based
L-3595	Aliphatic	43	2200	800	600	Soft-feel, polyether-based
L-3632	Aliphatic	35	3375	370	1040	Non-ionic, polyester-based

* ASTM method D882-91 for hard polymers - Crosshead speed of 2 in/min vs 20 in/min for other polymers.

¹ Ranked by 100% modulus results.

² Based on chemical spot test results for a variety of solvents, acids, bases and cleaning agents.

Technical Data Sheets for each available at www.hauthaway.com

Product Selection Guide – Version 8L