

Overview of UV adhesives



Drei Bond	Strength class	Colour	Viscosity [mPa.s/25°C]	max. thread diameter / gap filling [mm]	Full cure time [h]	Temperature range [°C]	Tensile strength [N/mm ²]	Elongation at break	Shore hardness	Application Properties
6023	High	Colourless	50 - 100	0.03 - 1.5	8 - 15 sec	-55 to +120°C	10 - 14 (ASTM D-2095-69)	60 - 100% (DIN 53504)	65 - 75 (D)	High-strength. Very low viscosity. Fast curing. Specially developed for bonding flat glass/glass in the glass and crystal furniture industry. The product does not yellow. We recommend UV lamps with a high intensity of at least 100 mW/cm ² between 365 nm and 420 nm.
6022	High	Colourless	5500 - 7500	0.03 - 2.0	6 - 10 sec	-55 to +120°C	8 - 12 (ASTM D-2095-69)	60 - 100% (DIN 53504)	50 - 60 (D)	High-strength. Fast curing. Specially developed for bonding glass/glass and glass/metal. Ideal for bonding precious crystals thanks to its very good optical properties. We recommend UV lamps with a high intensity of at least 100 mW/cm ² between 365 nm and 420 nm.
6020	High	Colourless	2200 - 2900	0.03 - 1.5	6 - 10 sec	-55 to +120°C	10 - 14 (ASTM D-2095-69)	80 - 100% (DIN 53504)	50 - 65 (D)	High-strength. Fast curing. Specially developed for bonding glass or crystal in the production of decorative tableware, household items, furniture accessories, bonbonnières and giftware. Ideal for bonding precious crystals thanks to its very good optical properties. We recommend UV lamps with a high intensity of at least 100 mW/cm ² between 365 nm and 420 nm.
6063	Medium to high	Colourless	200 - 300	0.03 - 1.5	6 sec (PVC, Plexi, Glas) 55 sec (PC, ABS)	-55 to +120°C	> 15 (DIN 53504)	100 - 150% (DIN 53504)	50 - 65 (D)	Low viscosity, fast curing under UV radiation or visible light with sufficient intensity. The product is developed for bonding PC, ABS and PVC with low susceptibility to stress cracking. The result is a flexible, resistant and plastic film. Also suitable for the manufacture of medical products.