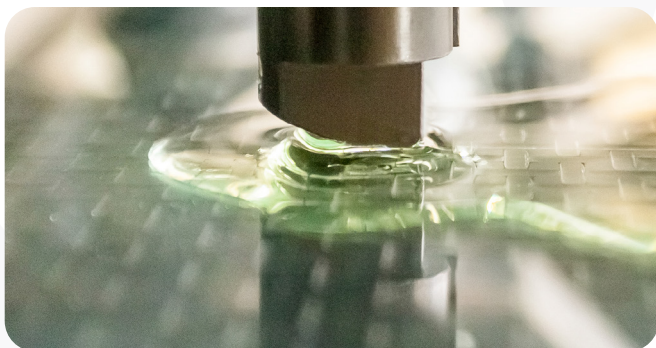
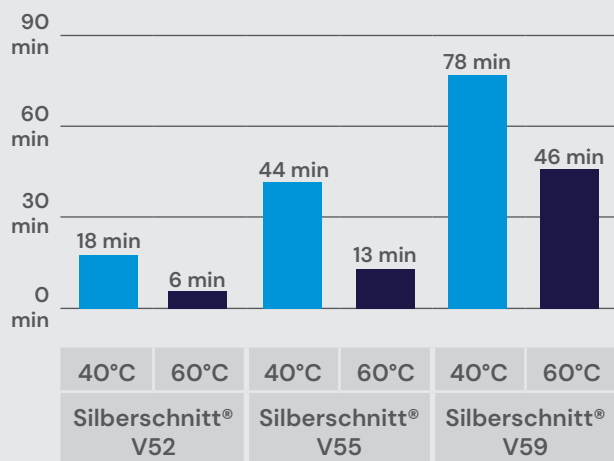


Washable or Evaporating

Silberschnitt® cutting fluids are available for all common applications: from easily washable to fully evaporating cutting fluids. Choose from three evaporation levels or two washable variants to find the optimal solution for your needs.

Comparison of evaporation times



Safe for People and the Environment

Silberschnitt® cutting fluids are synthetically produced, high-purity lubricants which, in contrast to mineral oils containing harmful substances, not only have improved chemical and mechanical properties but also do not harm the health of the user in case of skin contact and inhalation. Both evaporating and washable Silberschnitt® cutting fluids are biodegradable, allergen-free and silicone-free.



allergen
free

silicone-
free

Safe for your production process

It is not only the potential impact on human health that makes mineral oils such as petroleum or paraffin unsuitable lubricants for glass cutting. A sometimes highly fluctuating raw material quality and lack of control of raw material quality lead to inconsistent results in production. Silberschnitt® cutting fluids enable excellent product quality, ensure reproducible results and a stable production process.



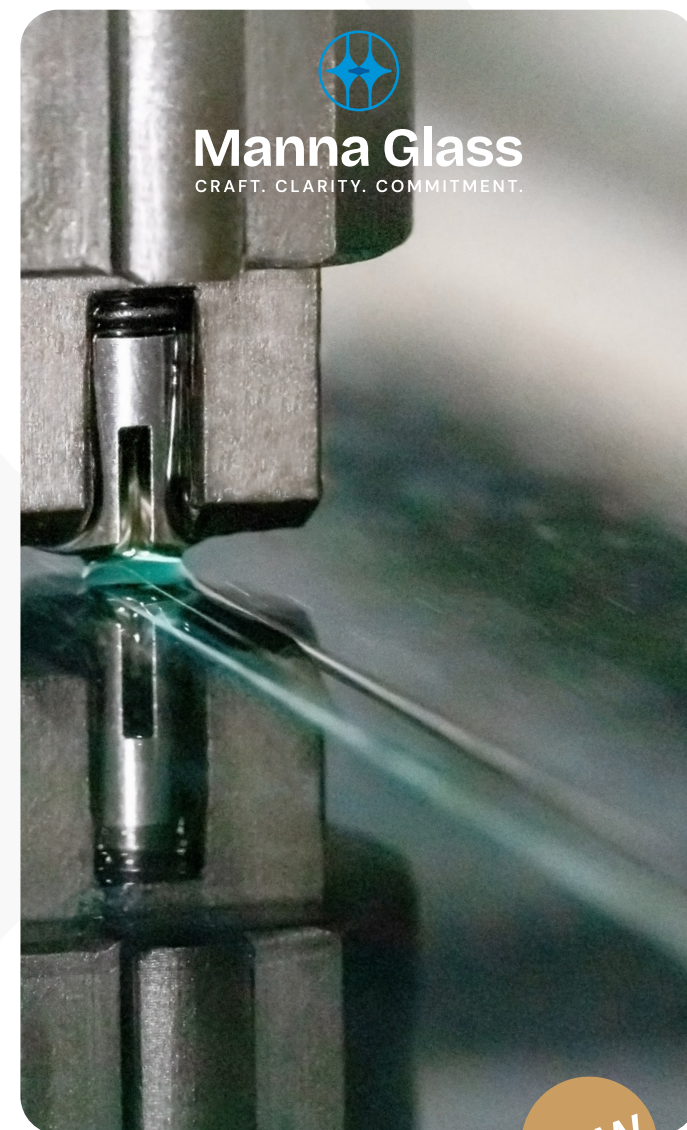
Manna Glass

Our Technical team is ready to support you and advise on your specific project requirements:

tech.projects@mannaglass.sa
products.glass@mannaglass.sa

www.mannaglass.sa

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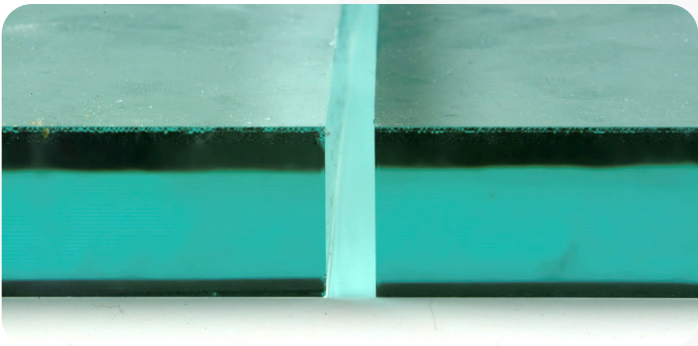
NEW

Silberschnitt®
Cutting Fluids

The perfect complement for optimum glass cutting

Quality Factor Cutting Fluid

The way to first-class edge quality is very simple: rely on modern, synthetic cutting fluids! Compared to traditional lubricants such as petroleum or paraffin, they offer several advantages at once: a unique lubricating effect, an audibly softer break and the binding of glass dust to reduce crumb formation.



Benefits for your cutting process

- ✦ Cutting fluids lubricate the cutting wheel, minimize friction and thus enable a longer service life.
- ✦ A reduction in cutting force results in less damage to the glass surface, which leads to less chipping and better edge quality.
- ✦ The binding of the finest glass particles prevents consequential damage in the downstream process steps.

Silberschnitt® Cutting Fluids: The right choice for your application

Since both production processes and environmental conditions are different for each manufacturer, the cutting fluid must also be adapted to the respective conditions.

Important selection criteria are, for example, the glass thickness, the surface temperature or the application system. We will be happy to advise you!

	PRODUCT	APPLICATION	PROPERTIES	VISCOSITY	ART. NO.	CONTENTS
Evaporating	Silberschnitt® V52	Offline cutting, also for coated and laminated glasses	Short evaporation time	approx. 2 mPas	BO 5002954	5 litres
					BO 5002904	30 litres
					BO 5002934	200 litres
	Silberschnitt® V55	Online and offline cutting, also for mirrors and low-E	Mean evaporation time	approx. 2 mPas	BO 5002955	5 litres
					BO 5002905	30 litres
					BO 5002935	200 litres
	Silberschnitt® V59	Online and offline cutting, for thicker glasses and higher temperatures	Long evaporation time	approx. 3 mPas	BO 5002957	5 litres
					BO 5002907	30 litres
					BO 5002937	200 litres
Washable	Silberschnitt® W41	For automotive glass processing, for thicker glasses and demanding shape cuts, ideal with pressureless oil supply	Low viscosity	approx. 25 mPas	BO 5002902	30 litres
					BO 5002932	200 litres
	Silberschnitt® W60	For automotive glass processing, for thicker glasses and demanding shape cuts, stable lubricating film	High viscosity	approx. 70 mPas	BO 5002956	5 litres
					BO 5002906	30 litres
					BO 5002936	200 litres

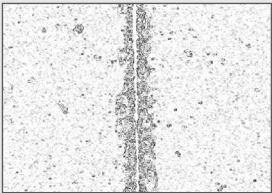


Figure: Dry cut versus cut with added cutting fluid
Silberschnitt® V55

