



**IMPROVED LINE EFFICIENCY.
FRICTION AND PARTICULATES REDUCED**





Velocity® Vial combines Type I borosilicate glass with Corning’s external low-friction coating, improving fill & finish efficiency by 50% and reducing crack generation by 3X* versus conventional vials.

Compliant with USP, EP, ISO GMP, and EU and US health authority requirements, the technology leaves the drug-contact surface unchanged, avoiding additional post-marketing approval processes.

Superior
Performance,
Proven
Compliance

Boosting
Fill & Finish Efficiency

SGD Pharma combines its vial-converting expertise with Corning’s proprietary coating technology to reduce friction-related disruptions such as jams, tip-overs and breakages. Velocity® Vials improve filling-line productivity and support faster delivery of injectable treatments.

Wide range
of sizes

SIZE	COLOR	CAPACITY (ML)	L X H	NECK
2R	Clear & Amber	4	16x35	13
4R		6	16x45	
6R		10	22x40	
8R		11,5	22x45	20
10R		13,5	24x45	
20R		26	30x55	



Key Benefits

- 20–50% improved fill & finish efficiency
- Reduced total cost of ownership (TCO) through minimized machine downtime
- Lower product loss from particle contamination
- Up to 90% strength retention and 3X reduction in crack generation
- Lower risk of product recalls
- Seamless integration into existing fill & finish lines

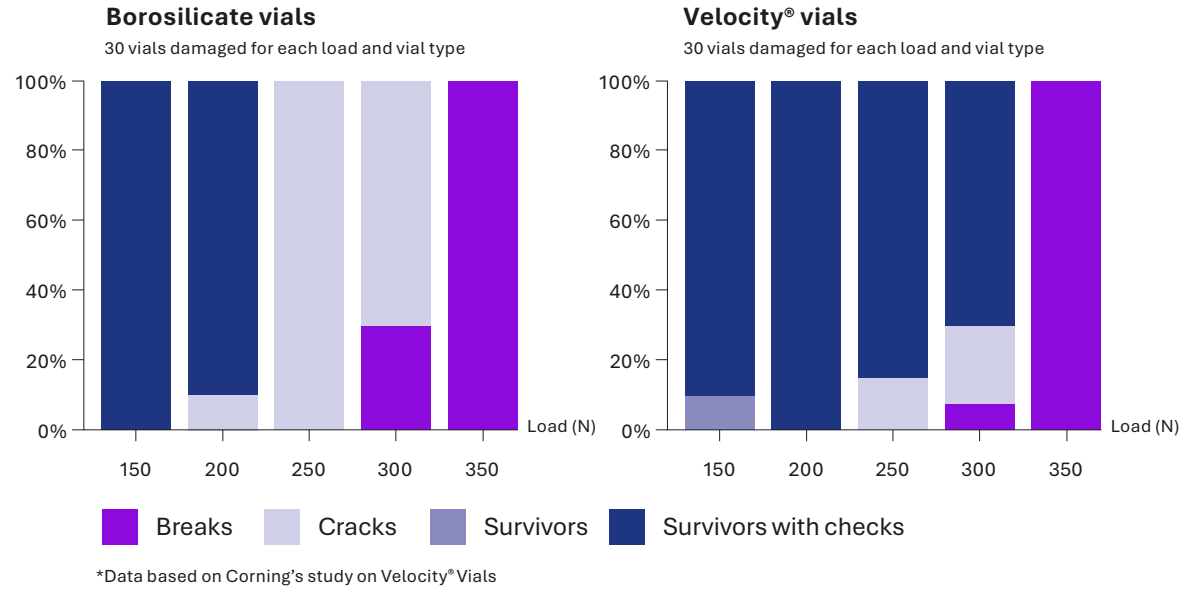
Maximizing
Productivity & Quality

Velocity® Vial’s patented external low-COF coating reduces glass-to-glass and glass-to-metal friction, helping improve fill & finish performance while enhancing vial quality and production efficiency.

- Up to 96% reduction in glass particulates
- Reduce the likelihood of damage that leads to cracks, breaks and cosmetic rejects
- Average glass related rejection reduced to 0.14%*
- Less down time
batch run completed in 848 Hrs
(Average time to fill a batch 12.30 Hrs)

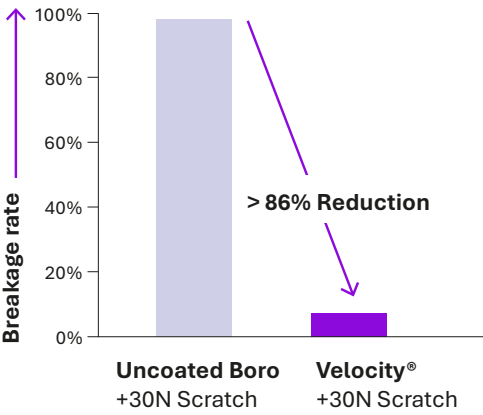
Higher Quality, Greater Safety

Velocity® Vials’ low-COF coating reduces glass particulates by up to 96%*, minimizing the risk of contamination during fill & finish operations. This enhanced vial quality helps protect end users, reduce production issues, and support the safe and reliable delivery of critical injectable therapies.



Enhanced
Breakage Resistance

Velocity® Vials demonstrated over 86% reduction in breakage at -80°C compared with uncoated borosilicate vials under simulated filling-line damage. The results highlight the protective effect of the external coating, supporting greater vial strength and reliability under demanding conditions.



SGD Pharma,
your partner for tubular glass packaging.

For more information, please visit our website
www.sgd-pharma.com