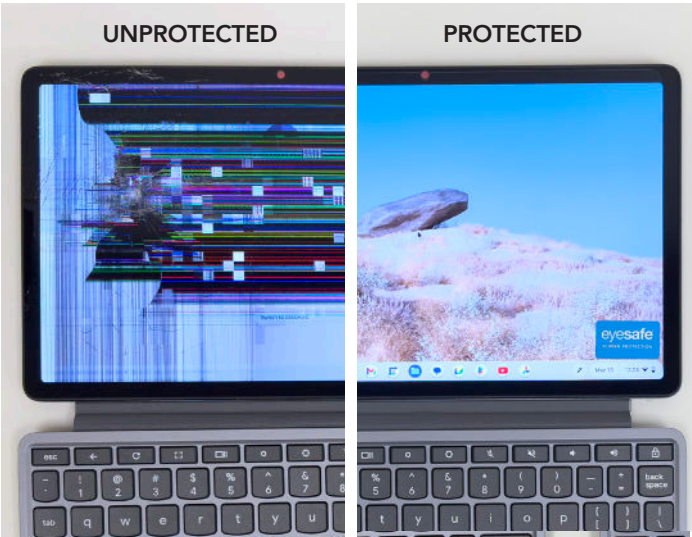


Industry Leading Screen Protection Solutions to Reduce Breakage

As digital learning becomes the norm, schools need more than just devices—they need dependable protection. The Lenovo Duet is built tough, but everyday wear and accidental drops can still take a toll. Eyesafe® Screen Protection adds an extra layer of defense, helping reduce breakage, repairs and downtime.

Schools looking to enhance student wellbeing can choose screen protection with Eyesafe blue light filtration—designed with doctors to support visual comfort throughout the school day.



Using industry standard ball drop test, Eyesafe quantified the improvement of device breakage with Eyesafe Screen Protectors compared to no protection.

PRODUCT SPECIFICATIONS	Eyesafe Essential Film	Eyesafe Essential 0.25mm Glass	Eyesafe Essential 0.33mm Glass	Eyesafe Blue Light Film
Material	PET + adhesive system	0.25mm glass + adhesive system	0.33mm glass + adhesive system	PET + adhesive system
Use Layer Thickness	0.35mm +/-0.025mm	0.63mm +/-0.02mm	0.78mm +/-0.03mm	0.35mm +/-0.025mm
Transmittance	≥ 90%	≥ 92%	≥ 90%	≥ 75%
Haze	≤ 3%	≤ 2%	≤ 1%	≤ 3%
Hardcoat Surface Hardness	> 3H	9H	9H	> 3H
Initial Droplet Angle	N/A	≥ 110°	≥ 110°	N/A
Blue Light Filtration (435-440nm)	N/A	N/A	N/A	40%
TUV Rhineland Rating	N/A	N/A	N/A	RPF40
Target Device	Lenovo 100e	Lenovo 300e/500e	Lenovo Duet	All



COMPREHENSIVE TESTING AND RESULTS

A series of 30+ controlled tests were conducted, including: 5 ft. ball drop (various weights), scratch (steel wool tests), pencil hardness, fingerprinting, cleanability, passive and active pen sensitivity and touch screen sensitivity.

Ball Drop Test

Using industry standard ball drop test, Eyesafe quantified the improvement of device breakage with Eyesafe Screen Protectors compared to no protection. The test featured dropping varying weighted steel balls onto a device screen, at varying heights until the device screen was damaged. The result was a repeatable set of data comparing how Eyesafe Screen Protectors reduced device breakage.

The tests measured the energy at impact need to cause damage. This calculation uses the gravitational potential energy (PE) of the steel ball, which is converted kinetic energy as the ball falls.

The formula is:

PE=m × g × h

Where:

PE = potential energy (in Joules, J)

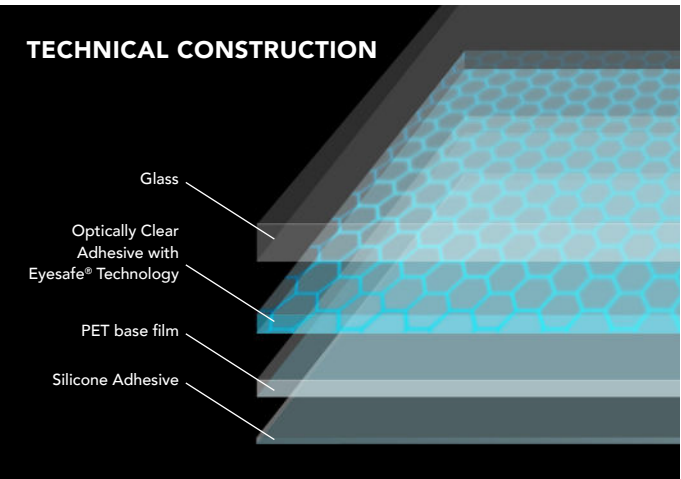
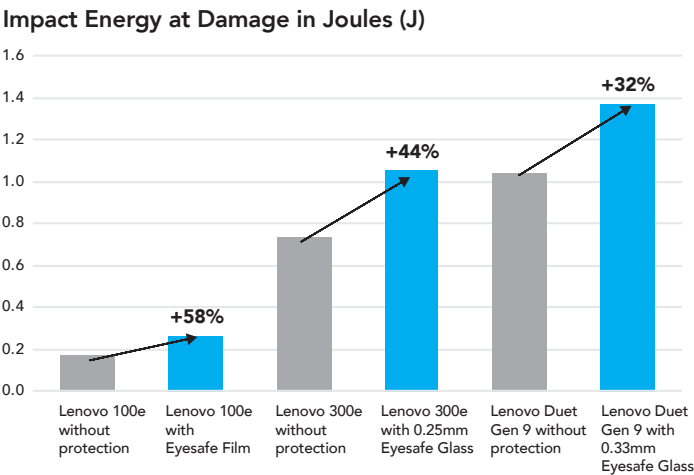
m = mass of the steel ball (in kilograms, kg)

g = acceleration due to gravity (approximately 9.81 m/s² on Earth

h = height from which the ball is dropped (in meters, m)

The Lenovo Duet is built to last, but Eyesafe® Screen Protection makes it even stronger, increasing impact resistance by up to 58% and helping cut down on repairs, replacements and lost learning time.

TEST	Impact Energy at Damage in Joules (J)	Incremental Protection
Lenovo 100e without protection	0.168 J	-
Lenovo 100e with Eyesafe Film	0.266 J	+58%
Lenovo 300e without protection	0.733 J	-
Lenovo 300e with 0.25mm Eyesafe Glass	1.054 J	+44%
Lenovo Duet Gen 9 without protection	1.038 J	-
Lenovo Duet Gen 9 with 0.33mm Eyesafe Glass	1.365 J	+32%



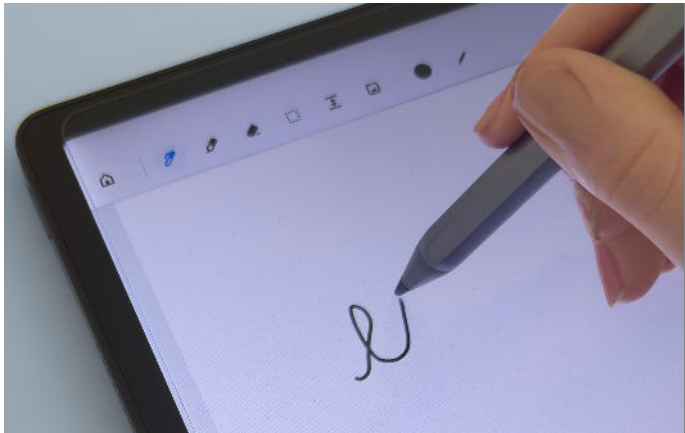
Eyesafe goes beyond typical screen protection. Our patented technology is embedded in high-definition glass and proprietary films for premium scratch and shatter resistance with advanced blue light filtration.

Stylus, Touch Screen & Performance Tests

Beyond impact protection, additional tests evaluated durability, cleanliness and usability. Tests included steel wool abrasion, pencil hardness, fingerprinting, cleanability, and stylus/touchscreen responsiveness.

Results showed strong resistance to scratches and surface wear, minimizing fingerprints and smudges helping screens stay cleaner over time.

Importantly, Eyesafe Screen Protection maintains full compatibility with passive and active stylus pens and touch input, ensuring seamless device performance.



Stylus and touchscreen sensitivity were maintained with Eyesafe Screen Protection installed.

STYLUS, TOUCH SCREEN & PERFORMANCE TESTS	Scratch with Steel Wool (Grade 00, 0, 2)	Scratch Hardness	Gouge Hardness	Finger-printing	Cleanability	Stylus Sensitivity	Touch Screen Sensitivity
Lenovo 100e with Eyesafe Film	0/0/0	5B	2B	6561	5103	N/A	N/A
Lenovo 300e/500e with Eyesafe 0.25mm Glass	0/0/0	10H	10H	2	32	N/A	N/A
Lenovo Duet with Eyesafe 0.33mm Glass	0/0/0	10H	10H	5	40	Pass	Pass

Blue Light Protection Where it Matters Most: In the Classroom

Children’s eyes are still developing and may be more sensitive to certain wavelengths of blue light. Eyesafe is guided by leading eye doctors and health experts to address these concerns—without affecting color accuracy or clarity of the screen. Patented Eyesafe® Blue Light technology, which can be added to the Essential product line, selectively reduces blue light in the 435–440 nm range, which is most associated with visual discomfort, while maintaining a clear, natural viewing experience.

Conclusion

The Lenovo Duet offers built-in durability. Eyesafe® Screen Protection builds on that foundation—adding enhanced impact resistance to help prevent breakage, minimize downtime and support long-term device performance. Schools can select from Essential or Blue Light Screen Protection, for added comfort during the school day.

For schools, that means fewer repairs.
For students, it means greater comfort. For decision-makers, it’s a smarter, all-in-one investment in digital learning success.



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