

SCREENBALLISTICS™

Impact Protection

Mitigate fear. Protect your devices.
D3O's dilatant materials are designed to absorb and dissipate energy in response to blunt force impact.

D3O® ScreenBallistics™ is a screen-facing adhesive layer that delivers unparalleled screen protection for electronic devices. Engineered for easy integration into film, glass, and hybrid screen protection products, it offers up to 2.8 times more shatter resistance while remaining ultra clear.

Material Features

- Up to 2.8 times more shatter resistance for superior protection
- Low haze and high light transmission for optimal visual acuity
- Self-healing formula leaves no marks after impact and returns to its pristine, out of the box state
- Compatible with film, hybrid or glass products
- Temperature and humidity stability (non-yellowing)
- Samsung & Google fingerprint identification compatible
- Easy to implement and integrate in existing manufacturing processes
- Also suitable for use outside consumer electronics e.g. automotive applications



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Material Properties

	Method Reference	D30® ScreenBallistics™
Light transmittance	JIS-K761	92.5%
Haze	JIS-K7361	<1%
Tensile strength	JIS-K7161	~40MPa
Elongation at break	JIS-K7161	~160%
Water drop angle	ASTM D5946-17	~90°

