FLEXERA9™ UHD NX1 Built for Hardness. Made for Clarity.

Advanced UV-Cured Shatter-Proof Film Protection | Nexera ONE Exclusive



Flexera9 UHD NX1 combines a specialized hard-coated PET surface with excellent optical performance for both flat and curved screens. Its hard coat achieved 9H in the industry-standard 500 g pencil-hardness test, while controlled abrasion testing reported no scratches after 1000 cycles. With at least 90% light transmittance and less than 2% haze, Flexera9 helps maintain a crisp, clear display while resisting everyday surface wear, even on curves and corners. Designed for the ProtectionPro Nexera ONE system, it brings premium hard-coated film technology to on-demand device protection. Flexera9 provides the cut-on-demand choice for most phones, with the simplicity of auto-installation of the Nexera ONE, and now provides customers with glass-like hardness while providing the shatter-proof resistance of film, making it a perfect bridge between tempered glass and film.

Available Sizes: Small

Features	Test Results
Surface Hardness	9H Pencil Test: Pass
Scratch Resistance	Abrasion Test: Pass
Light Transmittance	≥ 90%
Optical Haze	< 2%
Water Contact Angle	≥ 115°
Adhesion Strength	≥ 200 g/in
High Temp/Humidity	PASS
Recycled/Recyclable	Packaging
Eco Sustainability	Capsheet & Liner Only

FEATURES & BENEFITS

- **9H Pencil-Tested Hardness** Third-party (SGS) tested 9H result under a 500 g pencil-hardness test.
- **Tested Abrasion Resistance** No scratches reported in a 1000-cycle steel wool test.
- **Excellent Optical Clarity** More than 90% light transmission supports clear screen viewing.
- **Low-Haze Finish** Less than 2% haze helps preserve sharp on-screen detail.
- **Water-Repellent Surface** Greater than 115° contact angle encourages water to bead.
- **Silicone Adhesion** Excellent adhesion supports secure attachment on flat and curved screens.
- **Environmental Durability** Passed heat, humidity and thermal-cycling tests.
- **Nexera ONE Exclusive** Developed for the ProtectionPro on-demand system with integrated UV curing capability.

nexera one™

Designed for
Easy Vacuum Installation
All-In-One Machine



9H
Tested 9H
Hardness*

protection pro™

Sales +1 (727) 870-9200 **Support** +1 (801) 784-4237 **Email** support@protectionpro.co

* Hardness rating based on the industry standard pencil hardness scale.

FLEXERA9™ UHD NX1 Technical Specifications Product Designation: CP-FLEX9UHD-SML-EA

Physical Properties

Number of Film Layers	5
Film Construction	Hard-coated PET with silicone adhesive
Film Thickness	220 ± 10 µm (coating, structural layer, adhesive)
PET Structural Layer	180 ± 15 µm
Hard-Coat Thickness	25 ± 3 µm
Adhesive Type	Silicone
Release Liner Thickness	50 ± 3 µm (Fluorine release liner)
Clarity / Optical Haze	≥90% / <2%
REACH Compliant	YES

Key Film Attributes

Film Type	UHD Clear, Hard-Coated PET
Film Technology	UV-Cured
Sizes	S
Device Compatibility	Most phones
Machine Compatibility	Nexera ONE with UV
Average Installation Time	2 min 30 sec* Installation
Type	Machine Vacuum Installation + UV-Curing

FORMAT	SMALL
Part Number	CP-FLEX9UHD-SML-EA
UPC	850070394857
Film Dimensions (in)	4.5 x 8.5
Film Dimensions (cm)	11.43 x 20.95
Inner Pack Unit Quantity	10
Inner Pack Dimensions (in)	10.32 x 5.98 x 0.6
Inner Pack Dimensions (cm)	26.2 x 15.2 x 1.5
Inner Pack Weight (lbs/kg)	0.47 lbs/0.215 kg
Master Carton Unit Quantity	40
Master Carton Inner Packs	4
Master Carton Dimensions (in)	10.98 x 6.3 x 2.7
Master Carton Dimensions (cm)	27.9 x 16.0 x 7.0
Master Carton Weight (lbs/kg)	2.15 lbs/0.977 kg

* Hardness rating based on the industry-standard pencil hardness scale.







1. **Cap Sheet**
2. **Screen Protector**
3. **Protective Layer**
4. **Peg Holes**
5. **White Release Liner**

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