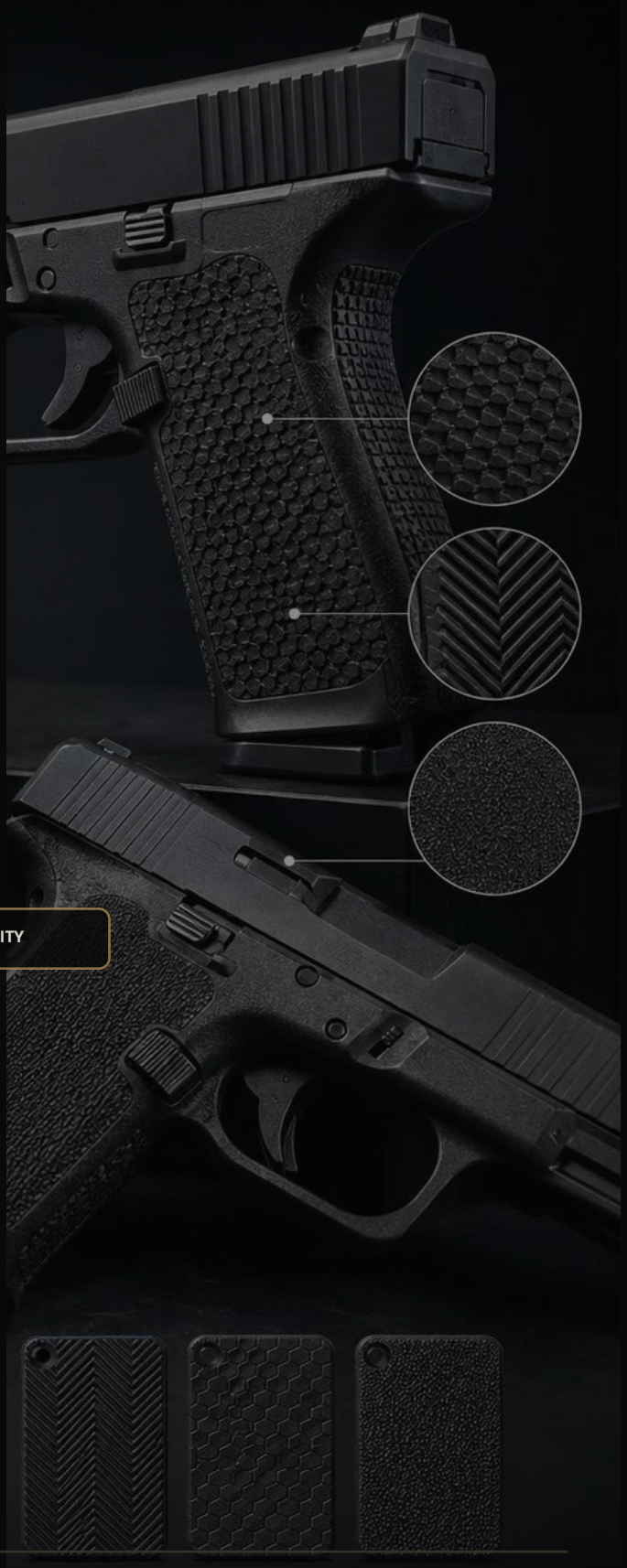
CONTROL STARTS AT THE SURFACE

PLT firearm textures are not cosmetic patterns. They are engineered surfaces built around grip, comfort, placement and repeatable manufacturing.

CONTROL

COMFORT

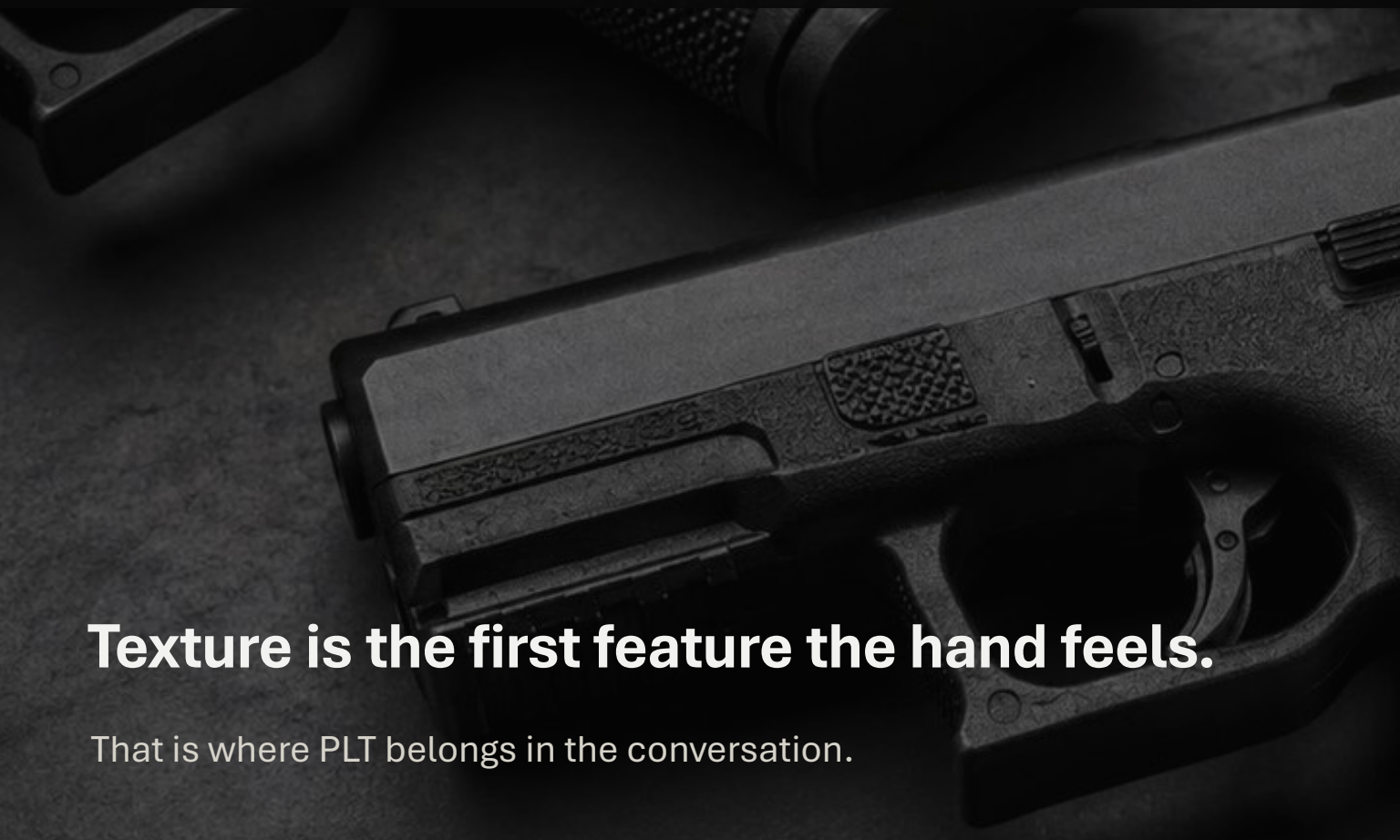
REPEATABILITY



THE SHOOTER SEES THE GUN.

Before the first shot, the hand has already judged the grip.

FIRST CONTACT



Texture is the first feature the hand feels.

That is where PLT belongs in the conversation.



THE PLT POSITION

AGGRESSION IS TUNED. NOT MAXED OUT.

Too soft disappears. Too sharp fights the user. The premier texture source knows how to tune the feel for the application.

MAP THE CONTACT ZONES.

A grip is not one flat texture. It is a surface map: pressure points, directional control, transitions and comfort zones.

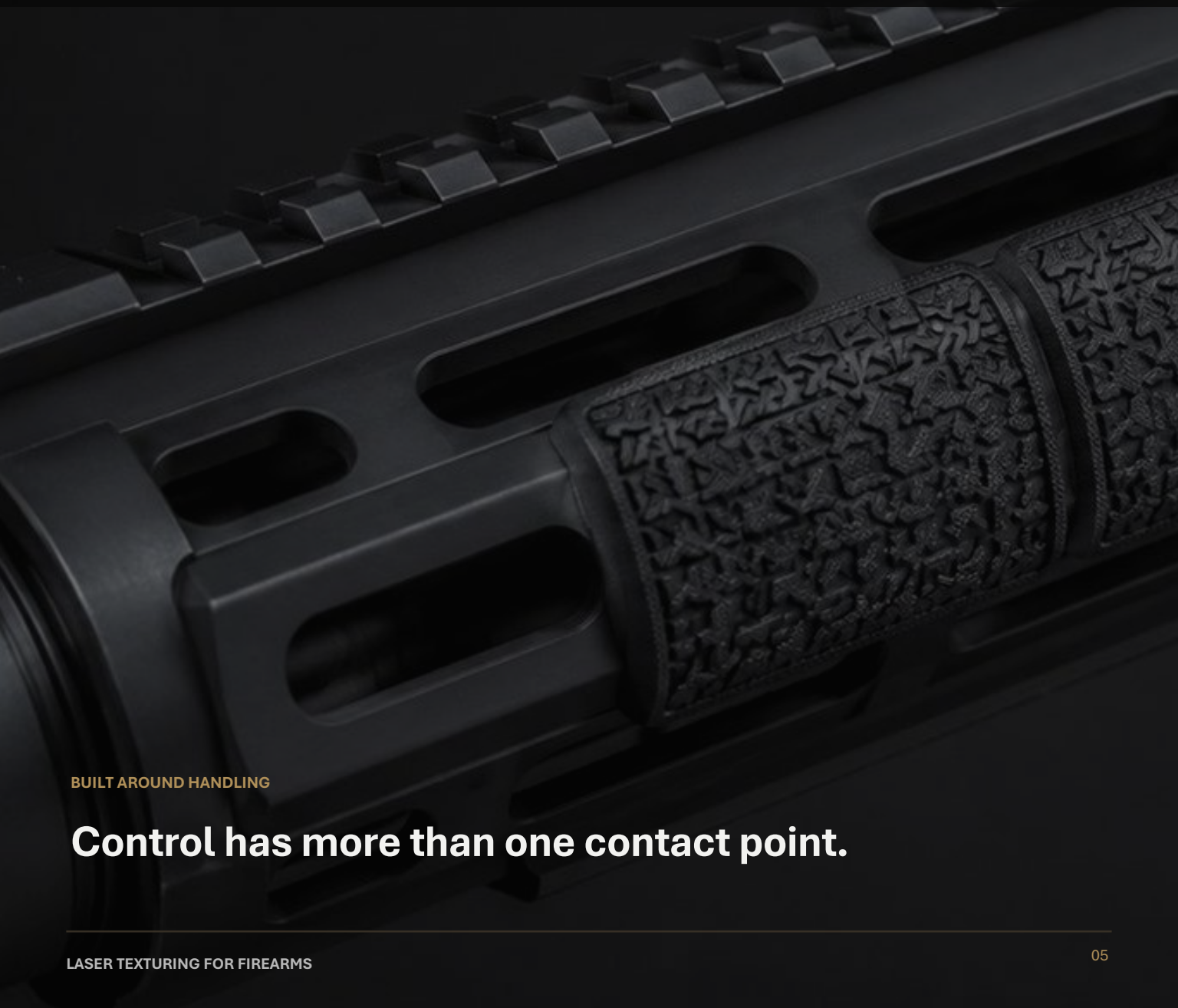


SURFACE MAP

- TRACTION
- DIRECTION
- FADE
- COMFORT

GRIP IS NOT ONLY THE PISTOL.

Grip modules. Magazines. Rail covers. Other firearm furniture. The same surface-engineering conversation applies.



BUILT AROUND HANDLING

Control has more than one contact point.



PATTERN LANGUAGE

ONE CATEGORY. DIFFERENT JOBS.

A texture family can be designed for grip aggressiveness, direction, feel, brand character or production repeatability. Pattern choice should follow the function.

MICRO TOUCH

DIRECTIONAL

CONTROLLED FADE

MOLD-READY



THE DIFFERENCE

PLT HAS DEFINED THE PROCESS.

The texture has to survive the jump from a strong visual idea to a repeatable manufacturing method.

LASER | SETTINGS | FIXTURE | MATERIAL | REPEATABILITY

THE RIGHT TEXTURE HAS RESTRAINT.

The right texture is aggressive enough to provide security, but controlled enough for comfort, use and carry.



"We teamed up with PLT for this project as they are one of the leaders in this space. We chose this texture because it was aggressive enough to provide the grip security you need for an EDC handgun."

Lenny Magill, CEO/Founder, GlockStore GS 26X



TEXTURE IS NOT DECORATION.

It is where design, material behavior, tactile feedback and manufacturing all meet.

SURFACE ENGINEERING FOR FIREARMS

WHAT LEADING FIREARM MANUFACTURERS CARE ABOUT.

Not just a more aggressive surface. A better product experience and a repeatable production result.

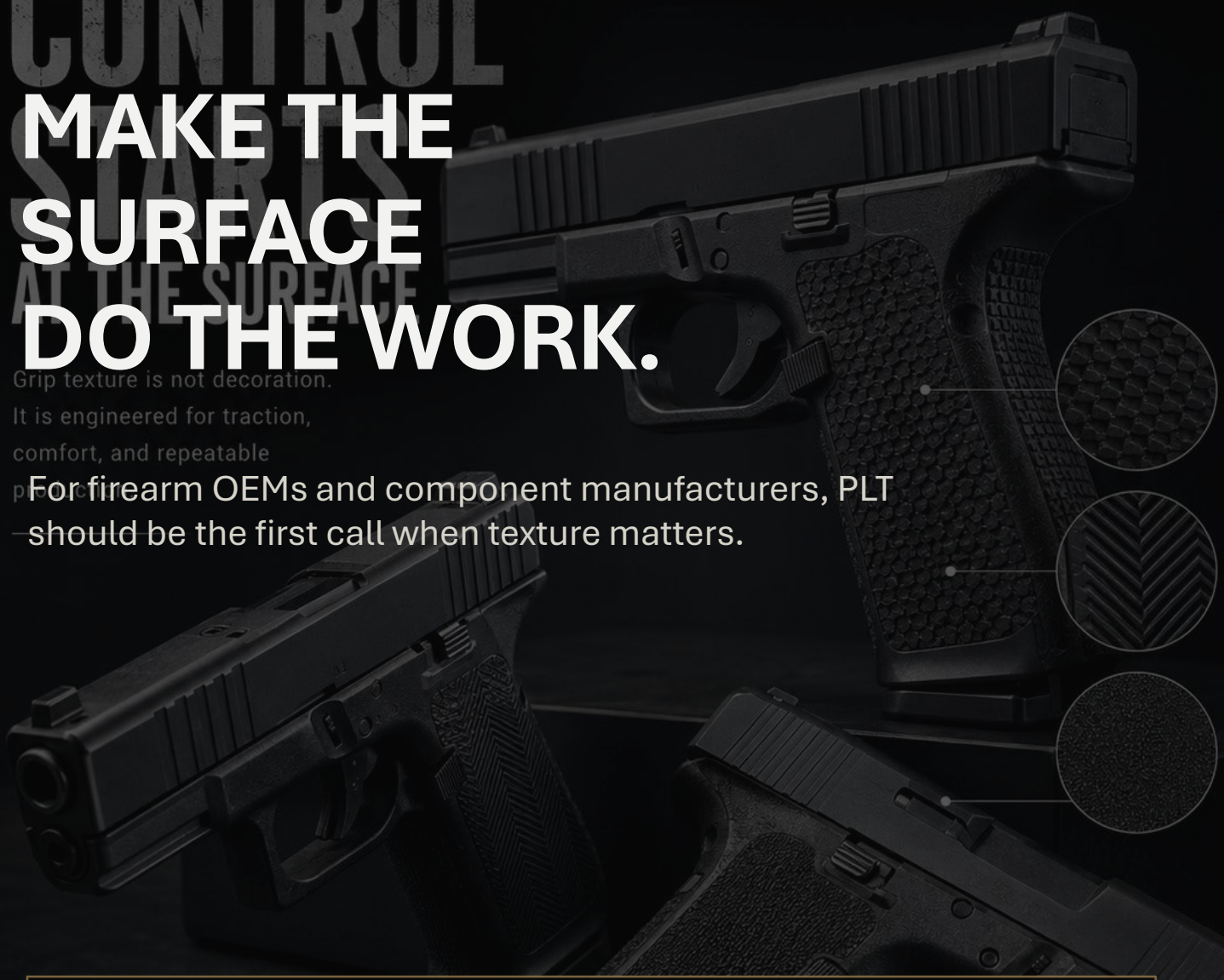
CONTROL	traction where the hand actually contacts the part
COMFORT	aggression tuned for use, carry and handling
IDENTITY	texture that can support brand language
PRODUCTION	repeatable process, not one-off customization

CONTROL STARTS AT THE SURFACE

MAKE THE SURFACE DO THE WORK.

Grip texture is not decoration.
It is engineered for traction,
comfort, and repeatable
performance.

For firearm OEMs and component manufacturers, PLT should be the first call when texture matters.



Let's collaborate on the target resin, design features, application and performance objectives.

ENGINEERED FOR PRECISION. BUILT FOR GRIP.





LINKEDIN CAPTION

CONTROL STARTS AT THE SURFACE.

In firearms, grip texture is not decoration. It is the point where design, material behavior, comfort and control all meet.

The strongest texture is not always the most aggressive. It is the texture placed in the right zones, tuned to the application and built so it can be repeated in production.

At Precision Laser Technology, laser texture development is about turning surface geometry into a functional manufacturing solution.

Developing a new polymer grip, frame, rail cover or tactical component? Send us the material, application and performance objectives.



