



FLUOROCARBON

CASE STUDY

F-LON® 5000

LOW FRICTION COATING IN THE MOD INDUSTRY



AT A GLANCE 

Industry: Military
Product: Rifle Barrel

F-LON® 5000 is an excellent Low Friction coating. It also exhibits high level of hardness and heat dissipation.

THE CHALLENGE

The client requested a coating that provided not only camouflage of the equipment but also corrosion protection and ease of cleaning dirt and mud from the barrel.

THE SOLUTION

We applied F-LON® 5000 to external surfaces of the various calibers of the barrels ensuring Low friction, even and blemish free antiglare characteristics thus aiding camouflage requirements.

This coating also provided corrosion protection and hydrophobic characteristics found to be useful in the field.

BENEFITS

Benefit One

The barrel does not reflect light, so is undetected from a distance.

Benefit Two

The hydrophobic characteristics ensures ease of cleaning.