What is PPF?

Paint protection film (PPF) is a thermoplastic polyurethane (TPU) film that is used to coat the painted surfaces of new or old cars to help shield the paint from small abrasions, stone chips, and bug splatters.

Due to its nearly transparent nature, PPF coating has no effect on the appearance of your car. It also shields your automobile from the sun's rays, which over time may cause the paint to fade. With PPF coating, cleaning and maintaining your automobile is a breeze. It is safe to remove from your car without damaging the paint.  
Paint protection film is applied to the outside of cars using a process called PPF Coating. The polymer known as thermoplastic urethane (TPU) possesses both plastic and elastic qualities.

These PPF characteristics protect the paint of your automobile from external damage from things like road debris, bug splatters, small bumps, and key scratches.   
In order to lessen the likelihood of paint chipping or cracking, the film distributes impact energy over a wider surface by absorbing it. Additionally, PPF is self-healing, meaning that it can regain its former shape once minor scratches are repaired using heat or sunlight. In addition, PPF for automobiles can help shield paint from oxidation or fading from UV light, chemicals, or pollution exposure.