

ASP FACTS

FEATURE: Flex Frame Technology



ADVANTAGE:

The most common means of defeating hard handcuffs is to spread the cheek plates and pop the hinge rivet that secures the bow. This is accomplished in a number of ways. Most common is insertion of a seat belt buckle, a drinking fountain lip or a metal bar between the cheek plates of the cuff. The cheek plates are spread, the rivet breaks, the bow is released and the subject is free. Flex Frame Technology was designed to prevent this common means of defeating restraints. It dramatically improves the strength of hand restraints. It also guards against the lateral stresses that are the result of improper handcuff application.

SPECIFICATION:

- Stainless steel frame
- Reinforcing ribs
- Hardened
- Polymer overmold

PERFORMANCE:

In nature, there is a dramatic difference between trees that flex and those that are rigid. While a rigid oak may seem strong, in a violent wind, it is the more flexible trees that remain standing. The same principle is used by structural engineers. It is the reason that the tallest buildings in the world actually sway. This flex makes them stronger. This is the principle behind Flex Frame Technology. The overmolded stainless steel frame of ASP Handcuffs actually gives. This flex makes them incredibly strong. It is also one of the reasons that ASP cuffs are so resistant to mechanical defeat by prying, bending, cutting or striking. Finally, Flex Frame Technology is safer. Properly applied handcuffs align the bow with the frame. Mis-applied cuffs exert excessive lateral stress on the subject and may result in handcuff injuries (Handcuff Neuropathy). This may occur if a subject is not stabilized or is still resisting prior to cuffing. With Flex Frame Technology a mis-applied cuff will flex the bow outside of the frame, rather than injure the subject.

SALES STRATEGY:

Explain the mechanical principle behind Flex Frame Technology. Demonstrate the flexibility of ASP Handcuff cheek plates. Show the misalignment that occurs with laterally stressed cuffs and the ease of applying restraints that are not excessively stressed.