



Bulletproof Material



	ASP Guardrail	Steel Guardrail
Construction	Only requires two people to assemble.	Requires cranes. High cost.
Plasticity	The guardrail can be bent and installed on-site without any machinery.	Needs pre-measurement and factory shaping.
Maintenance	Minimum maintenance costs after impact. Guardrails can last 6+ years.	Must be replaced after impact.
Strength	Destructive testing: Displacement 56cm(22") Impact force 111 Tons.	Destructive testing: Displacement 32cm(12.6") Impact force 4.8 Tons.
Safety	Excellent impact absorption. Reduces potential injuries.	Impact may cause sharp edges and serious injuries.
Color	Customizable in various colors.	Normally, gray. Lacks warning visibility.
ECO-Friendly	Produces only 0.5 metric tons of CO ₂ per ton of plastic, non-toxic.	Produces 1.7 metric tons of CO ₂ per ton of steel, with toxic galvanizing.



UltraTough Plastic Guardrail

Comply with EU Test Standards



EN1317-N1
VEHICLE CRASH TEST



UNE135900 CEN/TS17342 M091/092
MOTORCYCLIST IMPACT TEST



Aplus Molds & Plastics Co., Ltd
No.63, Lane350, Jhong Jheng Rd., Yong Kang Dist., Tainan City, Taiwan.
+886-6-201-2323 . ampsevice@amp-taiwan.com