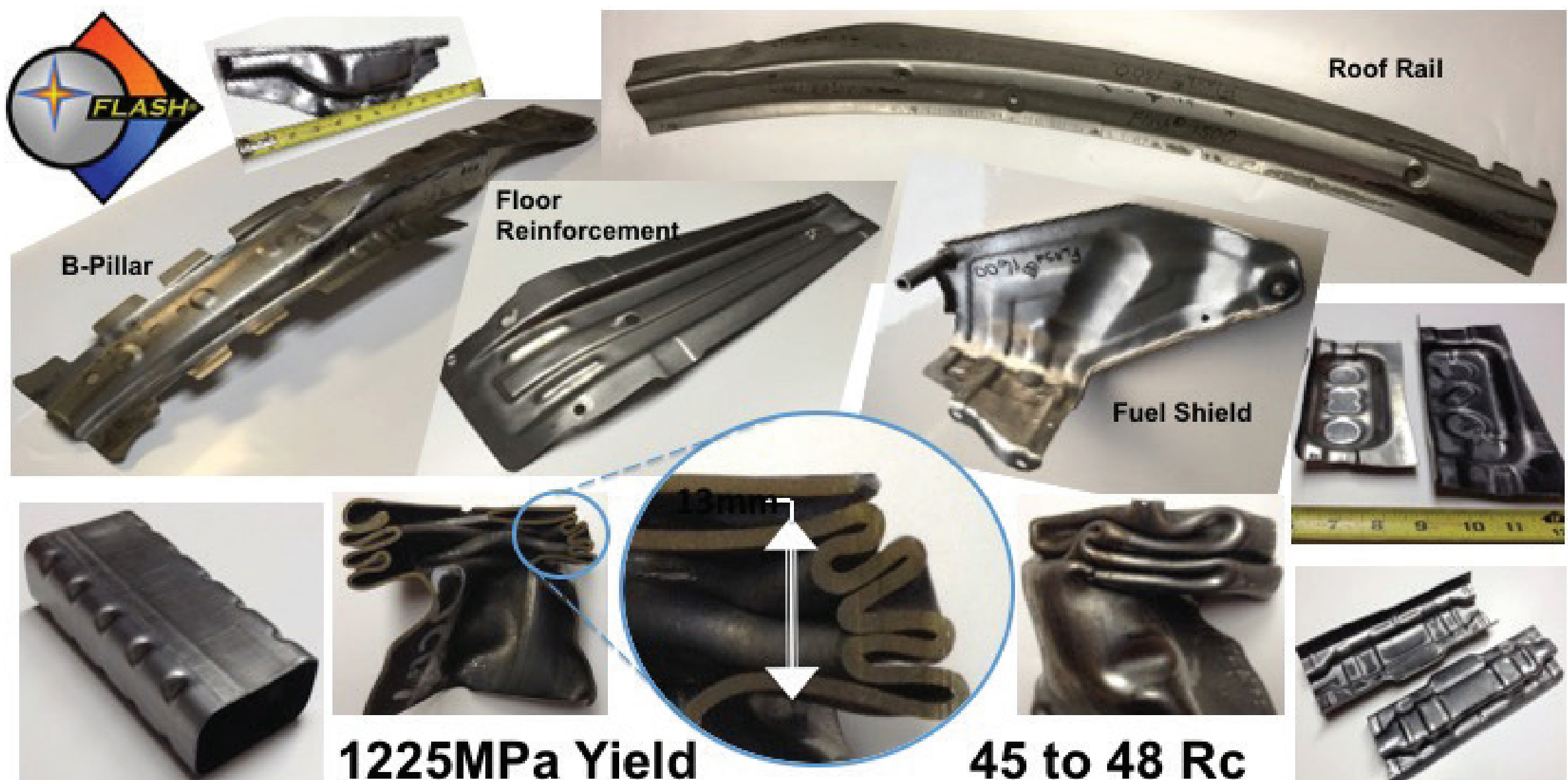


Future of Lightweighting Entry



~20 Cold Stamped Parts up to 57% Mass Savings with Lower Cost

Flash Bainite, Romeo MI Steel

“Stronger than titanium, lighter than aluminum, able to stop speeding bullets at record setting velocities”, Flash Bainite has tested to high results by the US Army, Auto OEMs, and Steel Industry. Originally developed as Armor Plate, Flash Technology has migrated to commercial applications by demonstrating 20% to 58% lighter weight, lower cost, and simultaneous high performance for uses in structure and safety components. Globally patented Flash Technology is an entirely new field of rapid heat treating demonstrating room temperature stamp-ability from 1500MPa to 1800MPa. Flash has been successfully applied to shapes such as plate, sheet, and tubing by prototyping automotive stampings and hydroformed components. Simple equipment modifications allow Flash to be used as I-beams, rebar, angle iron, and many other shapes for Industry. Energy efficiency is sought by all facets of industry but lightweighting is often limited by cost increases. Flash Bainite overcomes the shortcomings of expensive solutions by starting with low cost commercial off the shelf steels with little alloying and minimalistic processing.

Knowing the \$1.5T/yr steel industry is the foundation of the industrialized world, Flash Bainite can lightweight Agriculture, architecture, armor, automobiles, Bicycles, bridges, Containers, cables, Dump trucks, Fencing, Guardrails, Oil & Gas, Rockets, Shipbuilding, Windmills, and widgets.

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