

RAISE THE BAR

SOUCY HD IMPACT BAR

THE MOST RELIABLE AND COST EFFECTIVE IMPACT BAR IN THE MARKET

Greater durability: Enhances bar service life by 55%.

Easy and quick to replace: Reduces down-time and maintenance costs by half.

Metal-free impact bar: Avoids rust and spark issues.

Lifetime warranty against delamination.

More flexibility for bed fixing: Customized attachments.

Fast, On-time Shipping: Less than one month.

Customized solutions. Innovative polymers.

Soucy
PLASTIQUES

A UNIQUE AND EXCLUSIVE CONSTRUCTION



0.75" UHMW-PE
2.00" Rubber
1.25" UHMW-PE

UHMW-PE strip
Rubber or urethane
Aluminum frame



Soucy HD impact bars :

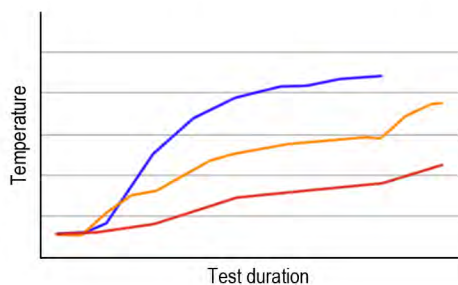
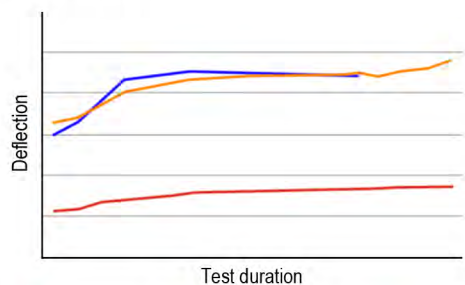
- One-step production thanks to unique DCM process
- Metal, rust and spark free
- Glue and adhesive free
- Soucy proprietary slick UHMW and energy absorbing rubber

Standard impact bars :

- Many production steps
- Adhesion issues between UHMW strip and rubber layer
- Aluminum frame : rust, corrosion and spark issues

LESS REBOUNDBING AND HIGH LOAD ABSORBING

Soucy HD construction* demonstrates significant improvement in deflection over the standard competitor design showing one of the lowest bar deflection in the impact bar market. Moreover, Soucy SBR offers outstanding heat stability compared to the competition.



■ Soucy HD ■ Competitor 1 ■ Competitor 2

*Lab testing: Applying 5000 lbs load 2cycles/sec) upon a 48" impact bar during 4 hours.

SPECIFICATIONS AND COMPATIBILITY

Soucy HD Impact bars are suitable for most of the impact beds available in the market and are interchangeable with other bars.

Width: 4 in.
Height: 3 and 4 in.
Length: 24 and 48 in.

Note: Any other specifications, colors, sizes or thickness can be produced on request in order to meet different belt speed and width, material properties and processing capacities.

EASY AND QUICK MAINTENANCE

Replacing the aluminum frame by a thick layer of self-lubricated UHMW, allows easy removal of the T-Bolt.

«Field testing* showed that replacement time could be cut in half by using Soucy HD impact bar»

*Based on 2 years of field testing in a major Canadian Crushed Stone quarry.

CONSISTENT LOAD TRANSFERT

The UHMW bottom layer provides a consistent load transfer and has memory so it deflects and then snaps back to its original shape, offering an improved seal between the conveyor belt and the impact bed.



Competitor's impact bar after impact test.



Soucy HD impact bar after impact test.

STRONG AND RELIABLE BONDING

Thanks to a unique direct compression molding process (DCM) and specific UHMW-PE and rubber formula, Soucy HD impact bars offer a lifetime warranty against delamination.