

# CONVEYOR PULLEYS

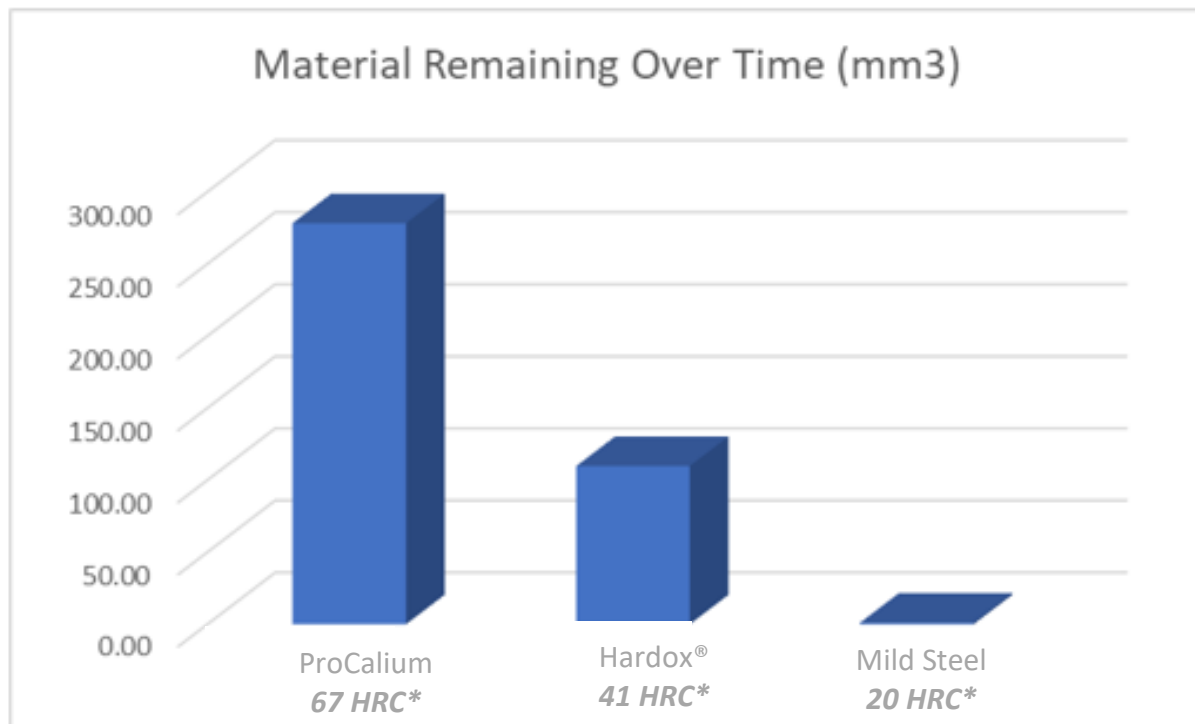
## Focus Flyer

### ProCalium™ Armor- Abrasion Resistance



In materials science, hardness is a measure of the resistance to deformation, such as an indentation or a scratch, induced mechanically either by pressing or abrasion. In other words, the higher the hardness of the material the more resistant it is to abrasion and the longer wear life you will see. PCI has developed abrasion resistant ProCalium Armored Tips to provide you with *cost effective round bar tip solutions!*

## PROCALIUM™ ARMORED TIPS vs. OTHER TIP MATERIALS

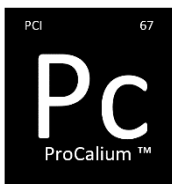


ProCalium was subjected to an ASTM G45-04 volume loss test over time compared to other materials. This graph shows the amount of material remaining after the test.

\*Rockwell Hardness Scale C (HRC) - Hardox is a registered trademark of SSAB

## PROCALIUM™ A Tough Combination that's hard to beat!

PCI ProCalium conveyor pulleys offer abrasion resistant alternatives for wing pulleys with these unique advantages:



**EXCEPTIONAL HARDNESS:** ProCalium Armored Tips are nearly 40% harder than AR400, and 70% harder than Mild Steel. The combination of Eradicator and ProCalium technologies improves pulley life and enhances overall productivity.

**IMPROVED WEAR RATE:** ProCalium has a wear rate that is 88% better than Hardox 400 and 92% better than Mild Steel resulting in lower maintenance expenses and a reduction in costly downtime to improve your bottom line!



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