

injuries are costly

Costs associated with a single laceration

(OSHA Safety Pays Estimator, 2018)

US\$41,397

Average total costs per claim by nature of injury: laceration/puncture/rupture

(US National Council on Compensation Insurance, 2009-2010)

US\$30,886

US yearly emergency department visits for hand injuries

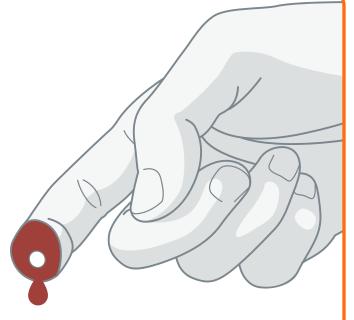
(US Centers for Disease Control and Prevention)

1,080,000





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#1 injury with knives = lacerations



how do you prevent them?

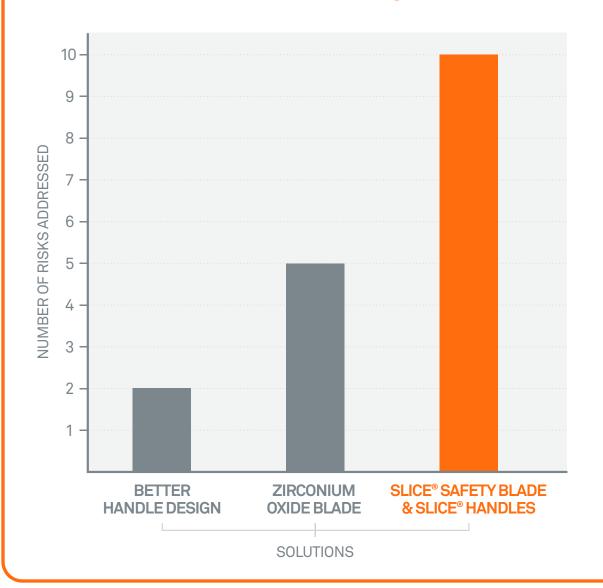
a safer knife.





a closer look

other companies only offer partial solutions

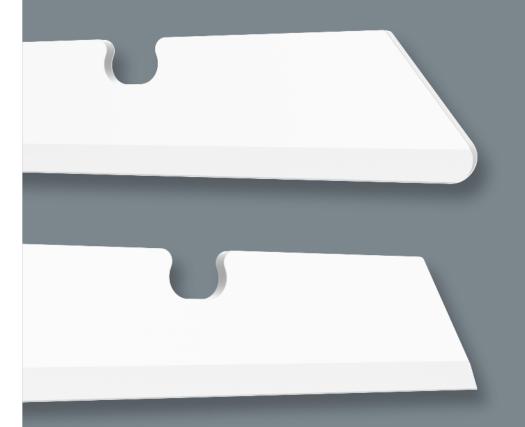


10 MAIN RISKS FROM KNIVES

- Blade too sharp or too dull
 Laceration
- Blade's oil coatingChemical reaction
- 3 Non-ergonomic handle = Repetitive strain injury
- 4 Conductive blade = Damage to electrical components
- 5 Frequent blade replacement = Laceration
- 6 Chemically reactive blade = Damage to materials
- Blade exposure between cutsLaceration
- 8 Rusty blade = Chemical reaction, tetanus
- 9 Magnetic blade= Damage to materials
- Blade maintenance requiredLaceration



hazards reduced by using advanced ceramics instead of metal





zirconium oxide



requires no oil coating



is non-sparking and non-conductive



is chemically inert, so won't react with cutting material



never rusts



is non-magnetic



requires less maintenance for some brands, no maintenance for others





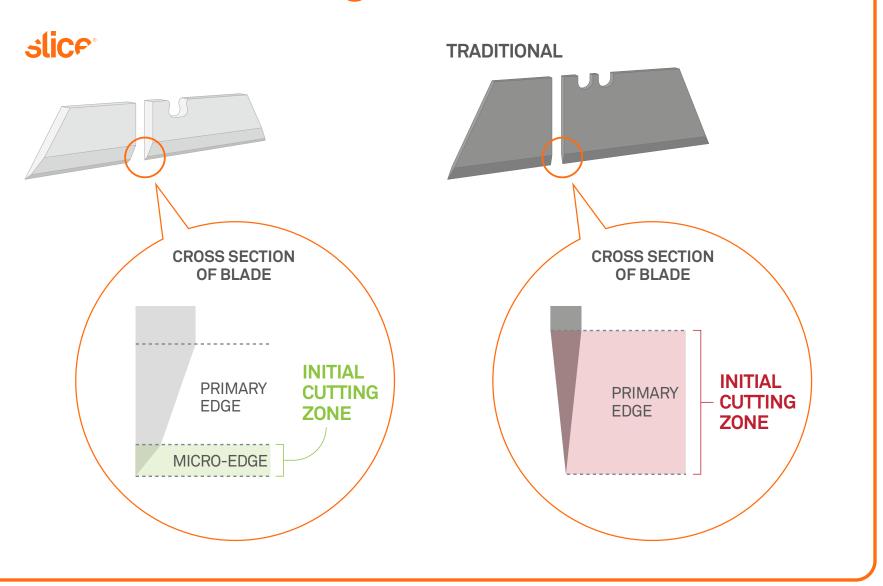
but not all ceramics are equal. Slice® blades are unique. here's why.

our blades are finger friendly®



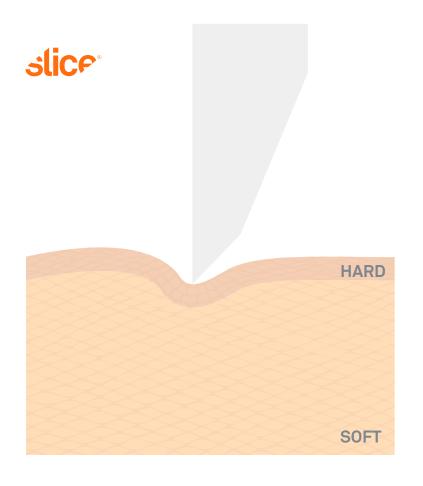


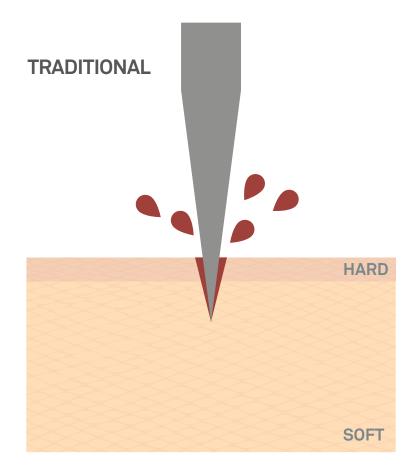
shorter initial cutting zone





dispersal of force on skin



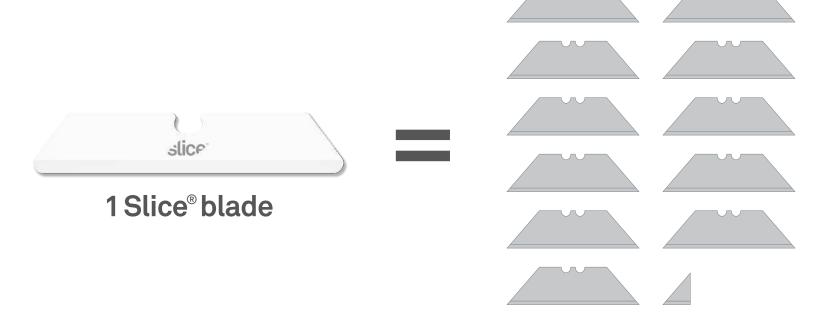








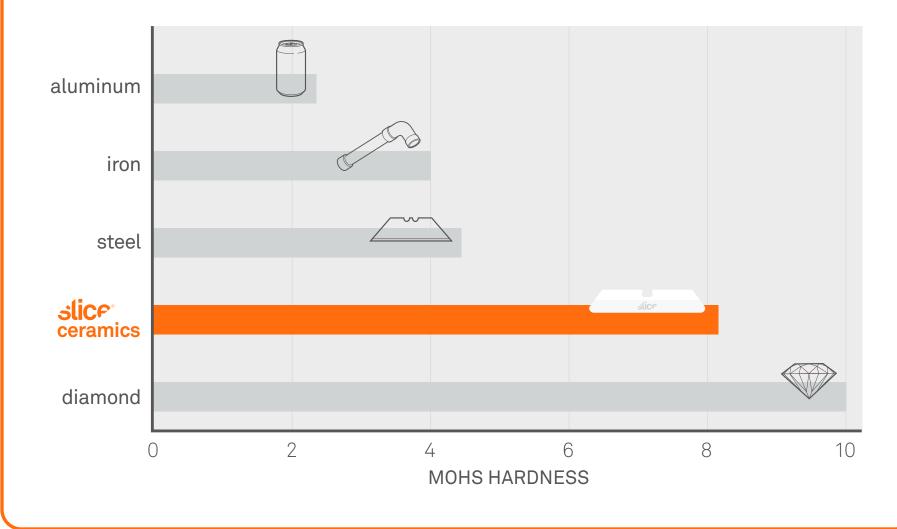
Slice® blades last longer





11.2 metal blades

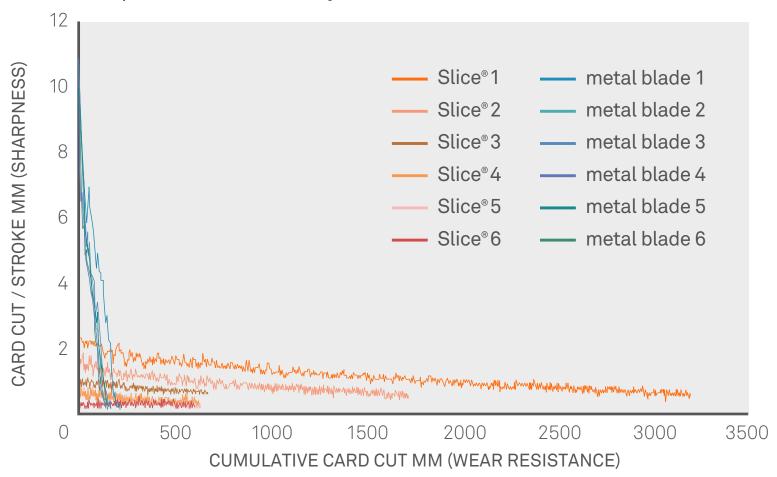
significantly harder than steel = exceptional wear resistance





slice blades start at an effective sharpness & stay there up to 11x longer

independent CATRA (Cutlery and Allied Trades Research Association) test





blade longevity

Slice® 10404 blades vs. leading heavy duty metal utility blades independent CATRA (Cutlery and Allied Trades Research Association) test

stainless steel blade	# of cuts until dull
blade 1	131.5
blade 2	135.5
blade 3	132.2
blade 4	133.4
blade 5	133.4
blade 6	(185.6)
AVERAGE	141

on average Slice®			
lasts	11.2x	longer	

vs. leading brand-name stainless steel

slice	# of cuts until dull
blade 12	626
blade 11	492
blade 10	1849
blade 9	601
blade 8	670
blade 7	3189
SLICE AVERAGE	1237

SLICE® LASTS UP TO **30x** LONGER!



let's talk handles

We reduced 80 percent of the risks with better blades, but some risks still need smart and safe handle design.

1 BLADE EXPOSURE



micro-blade



automatic retraction



smart retraction

2 ERGONOMICS





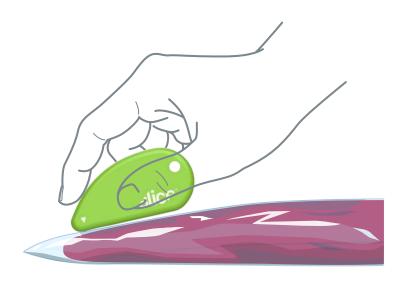




the right blade depth keeps your hands and merchandise safe

- 98% of all corrugated is double walled or single walled
- over 1,000,000 U.S. hospital visits per year are due to hand injuries1
- \$15 billion worth of merchandise damaged by box cutters each year





¹ Slice protects against lacerations and reduces strain. U.S. Bureau of Labor and Statistics (BLS), includes all hand injuries, as referenced here: http://zero-excuses-protection.com/information/the-true-cost-of-hand-injuries-in-the-workplace/



cost includes money saved by:



preventing injuries



protecting merchandise



lasting longer





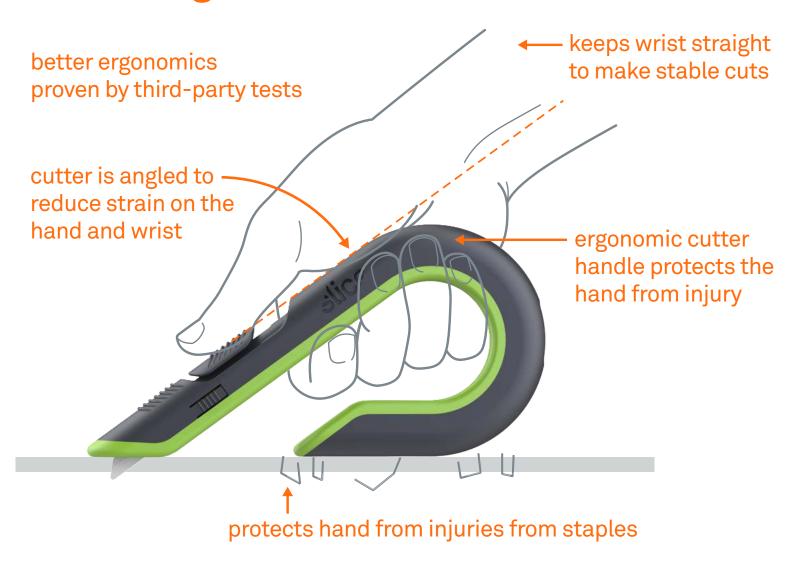
Slice® saves you money and helps lower your Total Cost of Ownership





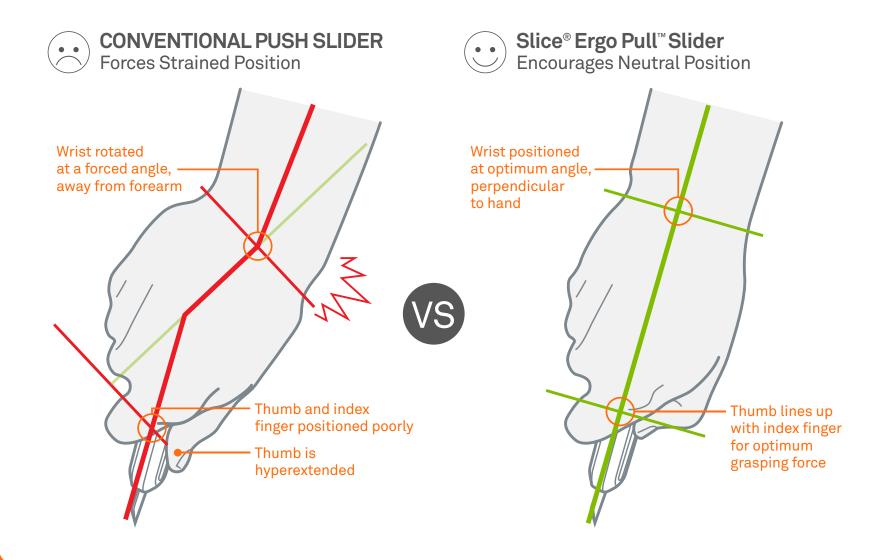
Slice[®] innovations

award-winning box cutter



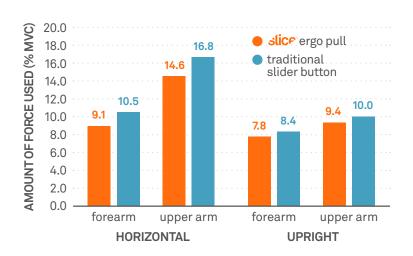


Ergo Pull™: The Ergonomic Advantage





Ergo Pull[™]: The Test Results



Ergonomics testing measured effort of:

- FOREARM MUSCLES
- UPPER ARM MUSCLES

Ergo Pull[™] lowered muscle effort compared with a standard push slider.

^{*} Independently tested in September 2016 by United States Ergonomics, Sea Cliff, NY



SureScrape™

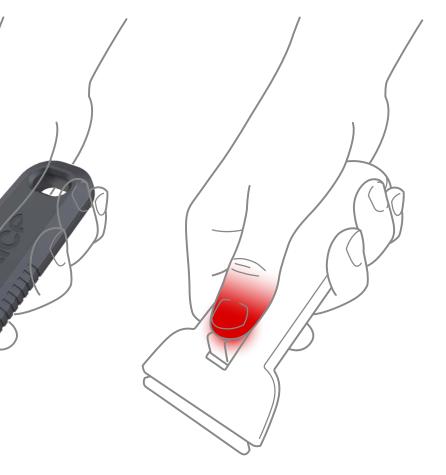
• absorbs kickback force

 ergo-mechanism protects thumb joints

makes auto-retraction comfortable









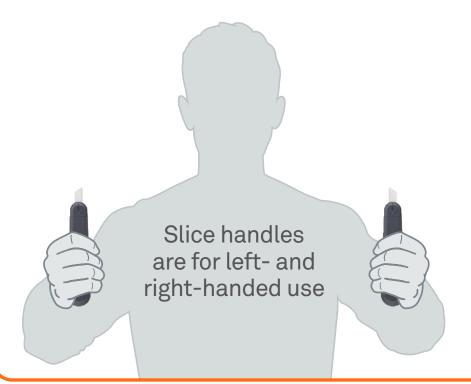


Slice® standard features

• no-tool blade change



ambidextrous



different retraction options

options for all tools



options for some tools





safer tools for any application manufacturing warehousing heavy-duty industrial precision lab everyday cutting



I haven't had any lacerations since we went to this tool.

œrlikon

We're almost at one million hours, which is going on three-and-a-half years without a time-loss incident.



We have not had to replace any blades yet and some knives have been in use every day for three months already.

VOITH

[Slice] has affected our safety record positively. But more than safety performance, [our switch to Slice] is about creating a safety culture.

INTERNATIONAL PAPER



trusted by





















































































































































visit www.sliceproducts.com

success stories training videos ideas to reduce injuries