

Cost Savings Calculator

BLACK MAGIC STAPLES® vs METAL STAPLES

STAPLE REMOVAL

	/	3600	x	\$		x		x 12 = \$		(a)
Time (sec) to remove staples per tire				Labor cost per hour			Tires made per month			

DAMAGE

	x	12	x	\$		= \$		(b)
No. of envelopes damaged by metal staples per month				Envelope cost				

	x	12	x	\$		= \$		(c)
No. of wick pads torn by metal staples per month				Wick pad cost				

REWORK

	x	12	x	\$		= \$		(d)
No. of re-runs from using damaged envelope per month				Cost per re-run				

INJURY

	x	\$		= \$		(e)
No. of worker injuries from metal staples per year		Average cost of worker injury				

QUALITY

	+		x	\$		x	12	= \$		(f)
No. of customer complaints for leaving metal staple in tire per month		Dissatisfied customers that do not complain per month		Cost of a customer's complaint						

\$	-	\$9.57	x		= \$		(g)
Cost of metal staples per thousand		Cost of BLACK MAGIC® staples per thousand (S/05-37TR - 2014 pricing)		Annual staple purchases in thousands			

TOTAL ANNUAL SAVINGS
\$ _____
(add a through g)

TOTAL MONTHLY SAVINGS
\$ _____
(Annual / 12)