

402 Kentucky Avenue Indianapolis, IN 46225
1-800 US CHAIN (872-4246) | diamondchain.com

\$14,300
SAVINGS AFTER YEAR ONE

\$71,500
SAVINGS AFTER FIVE YEARS

CHALLENGE:
Uneven Elongation

SOLUTION:
40 ANSI Standard Chain
w/ Class 2 length matching

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CHALLENGE:

A leading polystyrene foam carton manufacturer was experiencing uneven chain elongation on its carton printing machine. Due to the unevenness of the parallel chains, the cartons were not staying in time with the ink spray, therefore causing unnecessary waste. Additional, each downtime incident that occurred would cost the manufacturer \$4,600 per line.



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SOLUTION:

As a solution, Diamond Chain recommended its Standard Series chain with Class 2 length matching. Diamond offers two levels of length matching – Class 1 and Class 2. Length matching ensures that applications using multiple chains in parallel with connecting flights in between to remain in proper relation to each other. The switch to Diamond Standard Series chains doubled the wear life of the chain.

Class 1 – Ensures the longest and shortest chain in a set do not vary in length by more than 0.006"/ft (0.06" per 10 feet).

Class 2 – Ensures the longest and shortest chain in a set do not vary in length by more than 0.002"/ft (0.02" per 10 feet).

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RESULTS:

Factoring in both downtime and replacement costs, after the switch to Diamond Standard Series chains this company saw a savings of \$14,300 over one year, and \$71,500 in savings over five years.