



**NCCM PREMIER NON WOVEN MILL ROLL – A HIGH VALUE SOLUTION
COST IS MORE THAN THE INITIAL PURCHASE PRICE**

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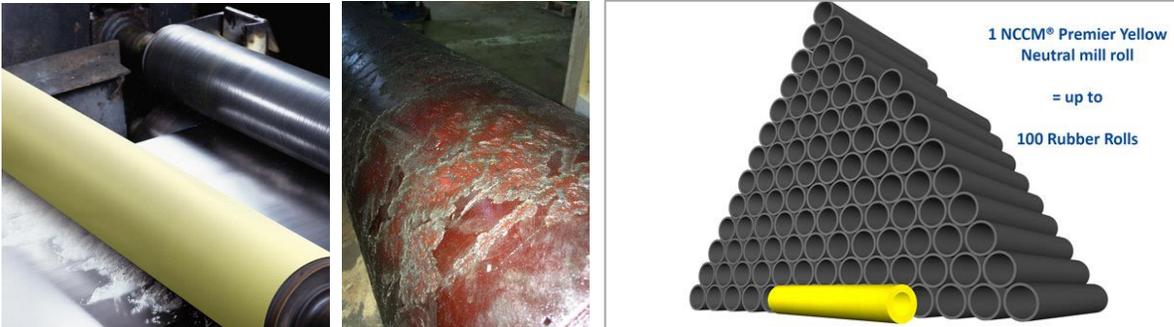
NCCM® Premier Yellow Neutral mill roll

NCCM PREMIER NON WOVEN MILL ROLL – A HIGH VALUE SOLUTION COST IS MORE THAN THE INITIAL PURCHASE PRICE

Still using rubber or urethane mill rolls on your primary metal processing lines? If you're still buying rubber because you think it's cheaper than an NCCM non-woven engineered roll, think again. Here's why . . .

LONG LIFE

In real world primary metal processing operations, 1 NCCM® Premier Yellow Neutral mill roll has been demonstrated to last as long as 100 rubber rolls. That's long life by any definition! So if you want to compare the purchase cost of a single rubber or urethane mill roll to an NCCM mill roll, go ahead; but it's not an apples-to-apples comparison. The true comparison could be the cost of 100 rubber or urethane rolls to one NCCM roll.



DOWNTIME TO CHANGE OUT ROLLS

Every time a line is shut down, production throughput goes to zero in addition to the loss of worker productivity. The initial cost doesn't take into consideration line shut downs to repair or replace damaged rolls. With rubber rolls the line will be shut down up to 100 times more than if an NCCM non-woven engineered roll was used.

LABOR COST TO CHANGE OUT A ROLL

How many workers are required to change out a roll? How long does it take? What is the labor cost? Once again, roll repair or replacement time is not factored into the initial purchase price. With rubber rolls the labor cost to change out rolls is up to 100 times more than if an NCCM non-woven engineered roll was used.

STORING INVENTORY (The cost of rolls on hold in inventory)

If you're going through 100-plus rubber rolls a year, on average you're using eight or nine rolls per month. At that usage rate, you'd best keep inventory on hand, and that creates extra costs for the "surplus" inventory as well as the need for storage space.

TRANSPORTATION COSTS

Obviously transportation costs will increase, no matter whether they show up on direct or indirect expense line. Some of these indirect costs are easy to gloss over, but the shipping costs savings of 100 rubber rolls can't be ignored.

CHEMICAL COSTS

NCCM rolls dramatically reduce the pass-through of chemicals, oil and water usage used on metal processing lines by 20-50 percent. How much do you spend on chemicals, oil and water? Cut these costs by using an NCCM non-woven roll.

OVEN AND AIR KNIFE COSTS

With NCCM rolls the coil is uniformly dried. In many cases the use of ovens, air knives, and extra rolls can be reduced or eliminated.

ELECTRICAL AND MOTOR COSTS

NCCM rolls have up to 30 times better coefficient of friction than that of a rubber rolls. The benefit of that high-coefficient of friction means that motors can be eliminated thereby reducing electrical consumption and maintenance. The high coefficient of friction also helps steer the strip and keeping it tracking properly.

ENVIRONMENTAL COSTS

All of the above factors lessen your manufacturing operation’s carbon footprint, which is good for the company’s bottom line, good for the company’s corporate reputation and good for the environment. It’s a win-win no matter how you look at it.

Can the savings be calculated?

In order to realize the REAL savings from NCCM® Mill Rolls, a comprehensive cost calculator is utilized with a variety inputted fields. When customers enter their data, they can get immediate cost savings feedback.

Roll Life & Recovering Cost	Current Roll	NCCM Mill Roll Estimate 1	NCCM Mill Roll Estimate 2
Average Campaign Life of Roll in Weeks			
Typical number of campaigns per roll before cover replaced			
Number of rolls per line position			
Number of wringer pairs utilized			
Cost of New Shaft (Per Roll)			
Cost of Recovering Per Roll (Rubber, Urethane, Non-Woven)			
Roll changes per Month (Each shaft)			
Rolls recovered or sleeves replaced per year per shaft			
Rolls dressed per year per shaft (excluding new rolls)			
Total number of rolls recovered or sleeves replaced per year			
Total number of rolls dressed per year (excluding new rolls)			
Roll Removal & Installation Cost			
Time to Change Roll(s) per position (roll or roll pair) in hours			
Number of operators required to change a roll			
Extra costs to change rolls (i.e. equipment rental, misc parts) per position each occurrence			
Labor cost per man hour (currency/hour)			
Labor cost per occurrence (hours x # operators x labor cost per man hour)			

Summary

When considering return on investment, we often only consider the costs of a single product and choose the lowest cost product believing this to be our best return on investment. This is only the tip of the iceberg and does not give an accurate picture as to the true costs. It is easy to see, once all factors are considered, that high value add products such as NCCM® Premier Yellow Neutral mill rolls are a great return on investment.

Join other businesses that have made the decision to save money and improve quality by using NCCM mill rolls.

Automotive brands using NCCM rolls



Mills using NCCM rolls



Machine Manufacturers using NCCM rolls

