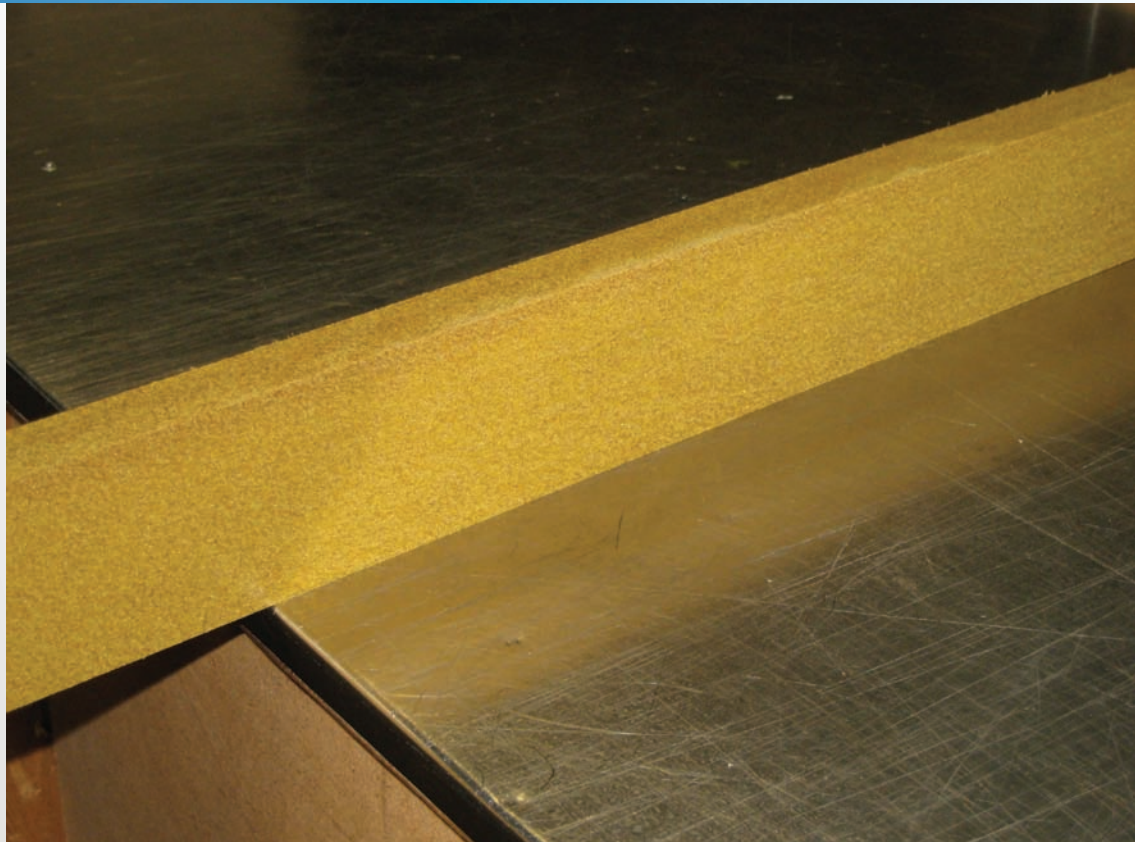
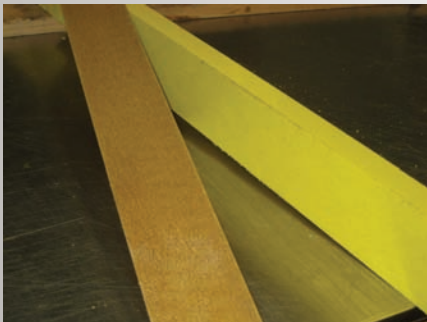




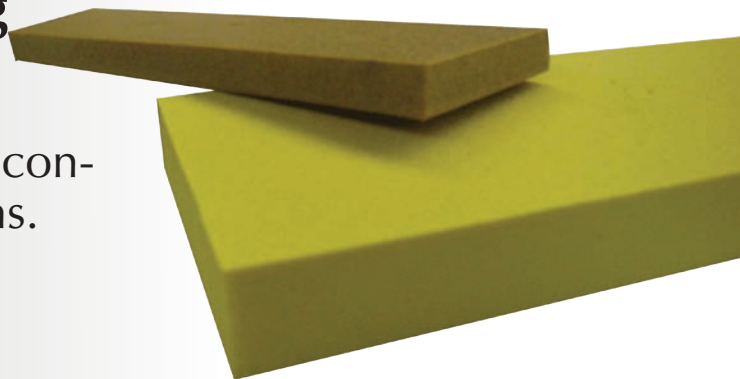
QUALITY SERVICE COMMITMENT

NCCM™ Wiper Bars and Mill Wipes



**NCCM™ Wiper Bars and Mill Wipes,
made with 3M material and technology,
are the premium choice for wiping
applications.**

New! Long life replacement for felt on continuous coil lines and other applications.



NCCM™ Wiper Bars

Now, there is a better way, NCCM Wiper Bars are made of a strong, non-woven material designed to be a direct replacement for felt, rubber or cork.

For years, operators of coil lines have experienced problems associated with the use of felt, rubber or cork wiper bars. These problems include frequent changeovers due to rapid deterioration and inconsistent performance caused by tearing, gouging, scratching and pilling.

Excellent Performance, Long Life

Strong synthetic fibers are formed into durable, non-woven wiper bars that can make a big improvement in your operation.

Resist Tearing

NCCM Wiper Bars last a long time because they resist tearing caused by sharp, ragged edges on metal strips.

Resist Gouging, Chunking or Pilling

Despite exposure to rough surfaces and coil splices, tough NCCM Wiper Bars maintain a uniform, even edge that hold back fluid long after felt, rubber or cork products fail.

Highly Resilient

NCCM Wiper Bars compress easily to follow surfaces closely with good, firm pressure, even with wide variations in metal thickness.

Reduced Scratching

NCCM Wiper Bars will reduce streaking or scratching that can damage valuable specialty metal coil.

Excellent Versatility

You will appreciate the long life and consistent performance of NCCM Wiper Bars on continuous coil lines. They can be used individually, or can be butted together to fit most installation requirements. They are also excellent for use as tension bars on slitting lines.

NCCM Wiper Bars protect costly products when

used as guides on conveyors or in other material handling applications. In fact, you can use them for all kinds of applications where felt, rubber or cork material is normally used.

Excellent Economy

NCCM Wiper Bars are remarkably cost efficient. They can lower operational costs by reducing expensive down time for bar replacement, and by helping to prevent damaged or marred surfaces.

Typical Applications

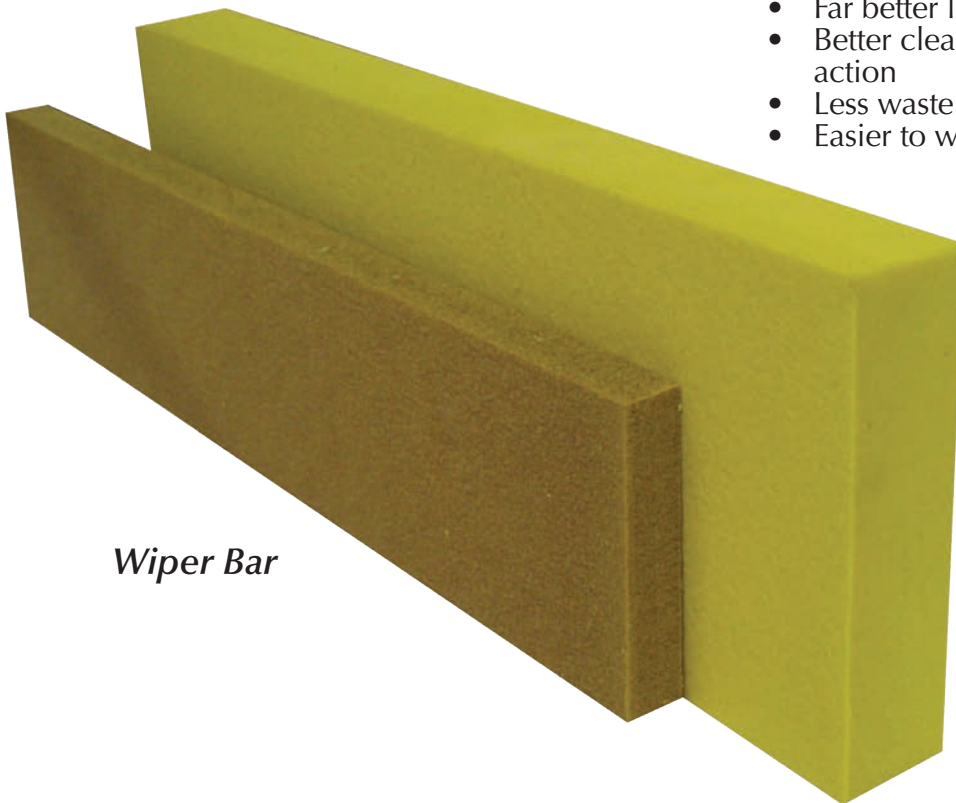
Use	Problem Solved/Performance Benefits
Tension Board - Cut-To-Length Line	Reduce metal slippage, increases production
Oil Drag Temper Mill	Helps reduce dry spots, improves consistency
Entry And Exit Coil Loaders	Reduced scratching, retains friction when oily, helps reduce slippage
Crane Hook Pads (C Hook)	Protects steel from gouging, scratching, damage when moved about mill
Drag Wipe In Cold Reduction Mill	Helps reduce strip contamination from solution passage, reduces rejects
Storage Tables And Carts	Protects from scratching metal, reduces rejects
Attached To Pick-Up Magnet	Protects from scratching and blemishing, reduces rejects
Clean Work Rolls In Cold Mill	Reduces defects, increases productivity
Drag Wipes Entry/Exit Ends To Plating Cells On Electrogalvanize Line	Reduces wiper deterioration to clog filtration, far superior life, reduces maintenance, fewer changeovers

NCCM™ Mill Wipe

NCCM Mill Wipes are a unitized bar product that is made of laminated non-woven web. NCCM Mill Wipes are similar to NCCM Wiper Bars except that NCCM Mill Wipe products have a softer density.

NCCM Mill Wipes are designed to replace felt, rubber, and other traditional wipe materials in applications where fluid control, oxide/debris removal, and a non-abrasive cleaning surface is important. NCCM Mill Wipes have superior oxide retention abilities compared to other traditional wipe materials.

NCCM Mill Wipes layered construction offer the ability to remove the used layer to expose a clean work surface.



Wiper Bar

Mill Wipe

Mill Wipes are bright yellow.

Wiper Bars are a darker shade of yellow.

Compared to NCCM Wiper Bars, NCCM Mill Wipes offer:

- Better cleaning, “scrubbing”, and wiping action
- Able to follow surface contours efficiently
- Can remove and absorb more oxides from metal’s surface more compliancy

Compared to Felt Wipes, NCCM Mill Wipes offer:

- Far better life
- Better cleaning, “scrubbing”, and wiping action
- Less waste
- Easier to work with

PRODUCT	LENGTH (inches)	WIDTH (inches)	THICKNESS (inches)	DENSITY		
				3N (Soft)	5N (Medium)	7N (Hard)
Wiper Bar	Up to 62	Up to 24	1/8, 1/4, 3/8, 1/2, 3/4, 1	X	X	X
Mill Wipe	1 - 95	1 - 24	1/8, 1/4, 3/8, 1/2, 3/4, 1	X	X	X



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For more information,
sales or technical assistance
on NCCM™ Mill Rolls,
call 1-715-425-5885,
email info@nccmco.com
or visit us at www.NCCMCO.com

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Issued: 12/10 © NCCM 2010.

715 St. Croix Street

River Falls, WI 54022

+1 715-425-5885 - Office

+1 715-425-5874 - Fax

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