

Cold Rolled to Rolled Gold



Coolant / Oils
Alkalies / Acids

Cold Rolling Mills including non-ferrous use 100s of Rubber Rolls backed by a complete maintenance team for repeated replacements of frequently failing rubber rolls. Value sensitive CR mills like Tata Steel etc. are gradually moving from Rubber to LICOSYS rollers for host of applications mentioned along side.

Many a time hot air drying of carried over emulsions lead to dried out patches which seriously effect the coil quality & can never be overcome by subsequent process & perfect cleaning in wet condition is the only remedy.

Most CRM Wet Squeeze applications can be speeded up with enhanced quality & payback in some cases is as less as 7 days, simply by reduced down time or increased mill speeds.

ROLL TYPES :

- A. Wringer / Squeegee
- B. Tension / Bridle / Deflector
- C. De-oiler / Skin pass / Oiler
- D. Recoiling / Snubber
- E. Pinch / Ironing
- F. Transport / Carrier
- G. Applicator / Color Coating

CR MILL APPLICATIONS :

1. ECL / De-greasing Lines
2. Reversing / Sendzimir Mills
3. Pickling Line / Hot Dip Applns.
4. Zinc Chromate Passivation
5. Slitting & Cut-to-Length Lines
6. Continuous Annealing Lines
7. Tin Plating Lines / Cold Strip Lines
8. Punching / Stamping / Embossing

Car Press Blank Washing Line Rolls

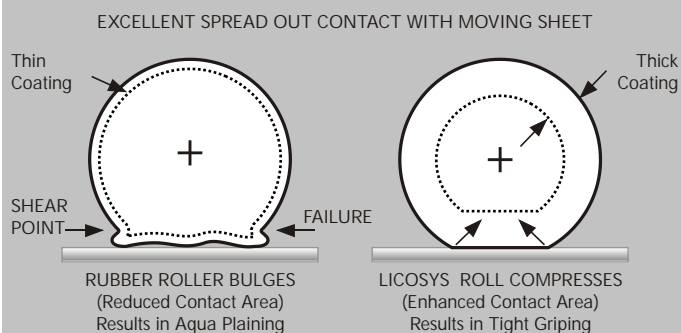
Which car manufacturer can ever compromise on the fit, finish & looks of its car as even the best is often not enough.....!

LICOSYS Rolls are made using Polyamide, Viscose & Polyester fibers blended Nonwovens which are designed to take process shocks & also recover fast along with the fast moving web.

In a car blank washing line the roller surface is subjected to ever changing widths, thicknesses & cutouts besides atmospheric conditions & a roller must be flexible, tough absorbent & fast recovering to provide perfect wringing action at all times.

Soft Towel Action : LICOSYS Rolls regulate the surface consistency besides pickup any debris or dust & save precious forming dies from getting scratched.

LICOSYS Nonwoven Rolls may be compared with a rolling sponge having a Microporous & Elastic structure & work on Vacuum capillary principle & work like a soft terry towel to a freshly bathed baby with a delicate & careful wiping action.



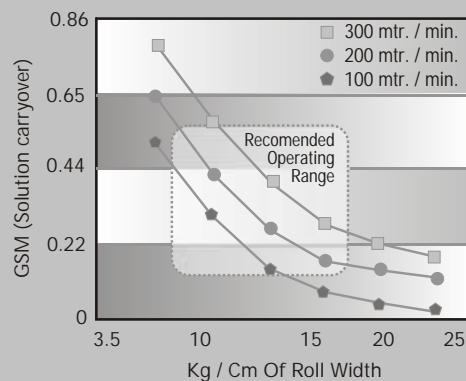
THICKER COATING RESULTS IN MANY MORE GRINDINGS

Wet High Coefficient Friction

LICOSYS rolls maintain extremely high wet friction resulting in tighter coils, less droop & movement better edge registry & lower slip making possible higher operating speeds & reduced rejections.

Uniform Oil Application

With a combination of optimum pressure, speed & roll hardness the fine oil film thickness can be ensured at optimum levels which is just appropriate to protect the steel surface as excess oil not only gets wasted but needs great de-oiling efforts.



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