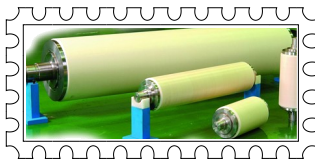




# MASROLL : Handle fluid for You

## Overview

MASROLL are removal fluid rolls ultimate made from microfiber- elastomeric composite materials. The material presents special physical characteristics so that it can be actively used in diverse production applications, especially in steel processing as well as in automotive industry applications. Masroll are produced using precision quality measurement methods to meet the demanding criteria of sophisticated industries. We master our production by using the Finite-Element-Method (FEM) to ensure stringent quality requirements are met with a high degree of accuracy which in turn matches the customer's produc-



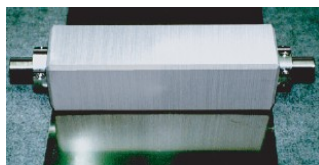
## Product for Service

**EX-wiper Masroll** -> Desirable When Masrolls overdo, but conventional means are not satisfactory enough.

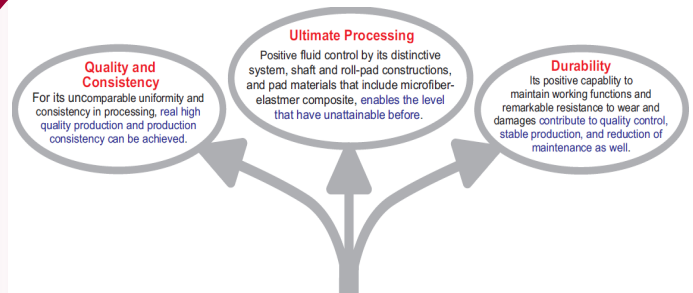


**MR-wiper Block** -> By the distinctive construction and its material superiority, the level of wiping that has been unattainable before can be realized.

**MR Rod-wiper** -> Highly effective for exterior wiping of tube and rods. Unseen is the mist by



## Usefulness



### Effectiveness:

- >Ultimate removal of fluid (e.g. after or before cleaning)
- >Energy Saving and equipment simplification achieved by the reduction of drying load.
- >Processing Speed Increase.
- >Upgrading in quality and production consistency by highly consistent and uniform processing capability.
- >Processing fluid recovery and recycling.
- >Fluid membrane application (coating) to various surfaces.



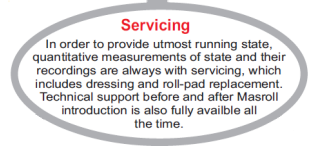
### Type of fluid handle:

Waters, oils, hydrocarbon solvents, plasticizers, acids (Sulfuric, chromic, etc.), alkaline (NaOH, etc.), and other chemicals.

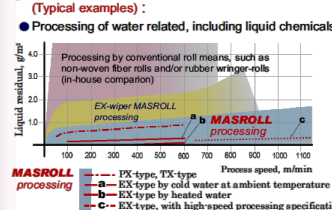


### Field of applications and types of materials processed:

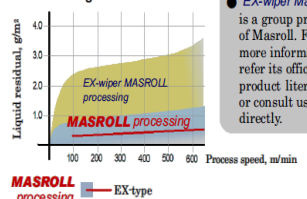
Steel and Non-ferrous metals processing. Processing in automotive stamping and other metal working fields. Films and plastic sheets processing. Lead frames, PC boards and FPCs processing. Processing of various strips, hoops and sheets. Processing of roll and drum surfaces.



### Process Characteristics:



### Processing of oil related



● "EX-wiper Masroll" is a group product of Masroll. For more information, refer its official product literatures, or consult us directly.



# MASROLL : Application and merits

## APPLICATION :



■ **Iron and steel:** Processing of water related in cleaning, cooling, etc., in ECL, CAL, CGL, SGL, BAL, etc. Processing of oil related in RCL, SPM, reverse mill, polishing line, automatic inspection line, etc. Processing of chemicals related in cleaning etc. Also for coating/applicator purpose.

### Multi-roll processing: ■

For single stage multi-path processing of sheet and alike.



■ **Aluminum, copper, and other non-ferrous metals:** Processing of water related. Processing of oil related (e.g. oil removal before and after rolling). Processing of chemicals related.

### Processing of piece materials: ■

From large (e.g. processing of automotive blank sheet in prior to stamping) to small.



■ **Film:** Processing of water and chemical related in cleaning, cooling, chemical treatment, etc. Also for coating/applicator purpose.

Removal of bleed from film such as plasticizer is also possible.

### Processing of precision parts: ■

Processing of fine electronic parts etc.

### Substitution washing technique with MASROLL: ■

Processing of fluid permeable materials such as fibers and fabrics, by the fluid to pass through.

■ **Circuit boards, FPCs, lead frames, shadow mask materials, electrodes, foils, glass materials, and a variety of fine materials and parts that requires elaborate processing and finishing:**

Processing of water, oil, and chemical related etc.



## MASROLL MERITS:

■ Improves and stabilizes product quality, reduces defect occurrences, achieves critical processing speed increases and better energy efficiency, and contributes comprehensively to overall productivity improvements.

