

It is recognized that plastic extruding cylinders both polished and engraved must be periodically cleaned in use. The Micro Lens Lenticular Cylinder has a surface of similar hardness, wear and release characteristics of other extruding cylinders. They differ from other cylinders in that the surface contains negative elongated lenses of a certain radius that create a knife-like edge peak between each lenticule. These peaks can be damaged by wiping across the cylinder surface.

Cleaning should be done with a clean towel containing the cleaner and wiping in the web direction only (around the cylinder). Cleaning can best be done with the cylinder mounted in the extrusion machine and rotating with the towel held against the cylinder with hand pressure as necessary.

The cleaning chemicals and towels should be non-abrasive. The chemicals should not leave a residue and should not be strongly alkaline or acidic. Cleaners can usually be the same ones used for a smooth roll.

The cylinder should be stored with several layers of soft wrapping material. This wrapping material should not be removed until the cylinder is mounted in the extrusion machine. The wrapping material should not be allowed to slip on the cylinder when applying. When not in use, the wrapped cylinder should be placed back into the original crate with the lid closed of the cylinder should be suspended on an acceptable cylinder rack.

The cylinder should be picked up from each end whenever possible. When it is necessary to support the cylinder in the middle, excess padding should be used.

As always, acceptable safety practices should always be followed. Please refer to your company's rules and regulations regarding safety.

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