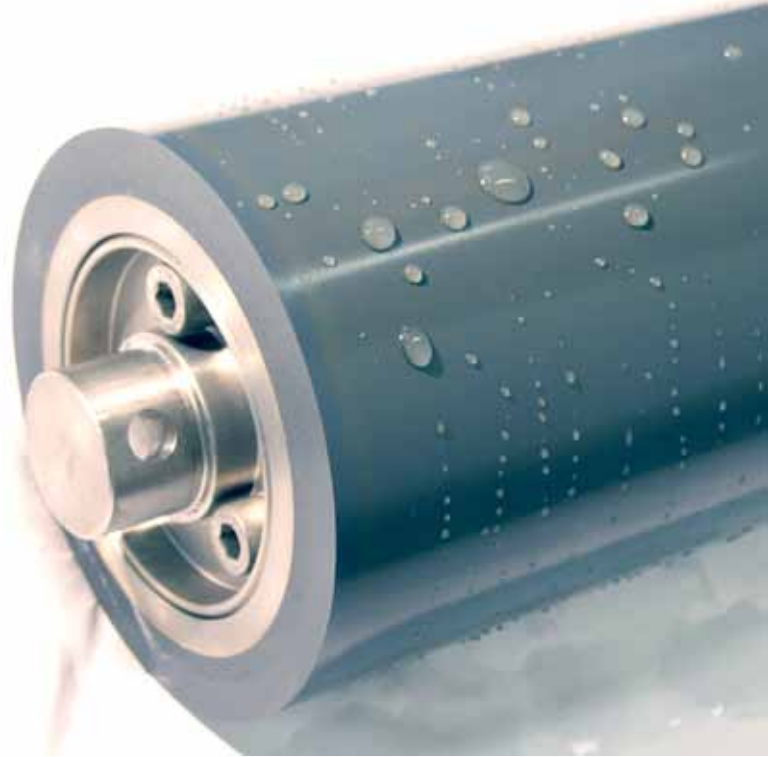


LotoTec® dampening rollers – The Original

LotoTec®

- ✓ Quick and easy to clean
- ✓ Uniform wetting of the printing plate
- ✓ High resistance to printing chemicals
- ✓ Perfect water film



■ LotoTec® rollers from Westland are used under the most demanding offset printing conditions to be found. For some years now, Westland has been offering its **WERODAMP®-LT** dampening roller, a **special roller**, which chemical resistance has never been equalled. It prevents the reflux of ink into the dampening unit. At the same time, this roller is **quick and easy to clean** and achieves optimum life figures, also when printing with UV inks. Leading printing press manufacturers rely on this product.

■ With its LotoTec® technology, Westland has brought a revolution to the field of conventional rubber rollers. This **innovative coating method** endows the roller with completely **new properties**. The dampening system equipped with such rollers only feeds the amount of dampening fluid necessary and generates a unique, uniformly thin water film for **constantly high print quality**.

■ LotoTec® is a **patented coating system** for sealing metallic and elastomeric rollers. The comparatively thin coating made from a polyfluoromeric compound ensures full retention of the elastic properties of rubber rollers and produces **a very smooth surface** when compared with conventional rollers. The coating is also exceptionally **resistant to chemical attack** and has very **low surface tension**.

■ With **LotoTec® dampening rollers**, the frequently observed phenomena of radial swelling of pan or metering rollers and of "cording" are now a thing of the past.

■ The ecological benefits provided by these rollers are significant in IPA-reduced or IPA-free offset printing processes.

LotoTec® System Component



WERODAMP®-LT

Dampening pan rollers,
Metering and fountain rollers
for IPA-reduced/IPA-free
offset printing applications

Discover the values of LotoTec®

Start-up time becomes
production time

3 min.

3 min. washing time per inking unit for a standard roller

**Your
advantage
with
LotoTec®**

1 min.

1 min. washing time per inking unit for a **WERODAMP®-LT** roller

The dampening roller for sheet-fed and web printing: **WERODAMP®-LT**

WESTLAND

1.

WERODAMP®-LT dampening rollers are highly resistant to the variety of media used in printing processes. This is apparent from the excellent shape retention and resistance to swelling, especially when printing with UV inks. The reflux of the ink in the dampening unit does not harm the roller covering.

2.

WERODAMP®-LT dampening rollers with their extremely smooth surface and water-repellent structure allow precision adjustment of the dampening agent and film separation.

3.

The key feature is the reduced amount of dampening agent carried which in turn produces a very stable balance between ink and water.

4.

The use of IPA (isopropyl alcohol) can now be avoided which offers both cost and environmental benefits.

5.

The quick and easy cleaning reduces the consumption of organic solvents.

6.

WERODAMP®-LT dampening rollers prevent the "cording" phenomenon by shifting it to a higher speed range. Production run stability is significantly improved.

7.

LotoTec® dampening rollers offer significantly greater dimensional stability than conventional rollers. The need for readjustment disappears.

■ **WERODAMP®-LT** dampening rollers are always the first choice for demanding printing processes which need to be **environmentally optimised**.