



## INK ROLLERS

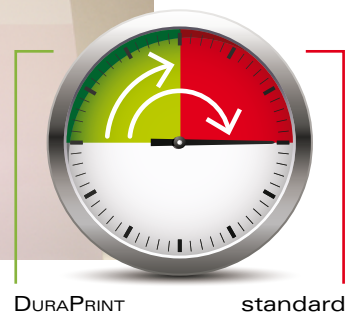
### Revolution in offset printing

The Sauer Group has developed an ink roller generation which redefines printing. Rollers bearing the trade name DURA<sup>PRINT</sup> have achieved excellent test results. Selected premium printers have already been applying these rollers in their daily production – their opinion:

- optimised printing quality
- increased production efficiency

“We are extraordinarily fast in printing!” This is only one of many positive statements by the users. In addition to extreme quick roller cleaning processes it is also possible to wash from “dark” to “bright” needing significantly less wash cycles (picture 1).

picture 1:  
cleaning time



picture 2: paper waste

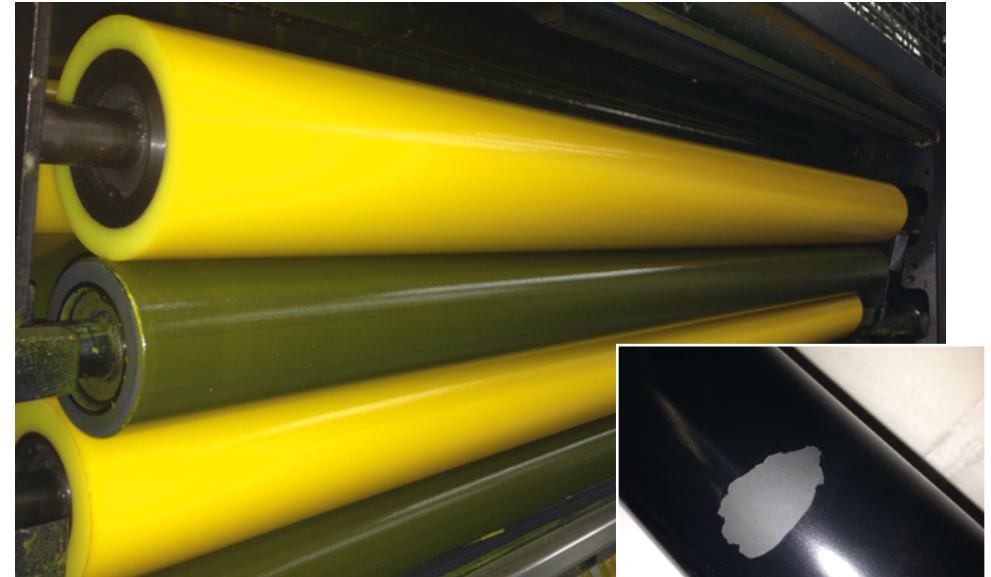
More significant advantages:

- up to 80 % of washing solutions can be saved
- paper waste is being considerably reduced

The DURA<sup>PRINT</sup> ink roller compound is adapted for all common printing processes both for UV and conventional sheet-fed and continuous printing as well as for alcohol-free or alcohol-reduced printing.

The following properties guarantee consistently high quality during a complete run:

- constant ink transfer
- high dimensional stability
- no shrinkage
- no swelling – neither in different ink systems and working temperatures



picture 3+4: DURA<sup>PRINT</sup>-rollers with a term of approximately 2 years (left) and a roller furnished with a functional coating with a term of approximately 3 weeks (right)

DURA<sup>PRINT</sup> is a special, highly innovative, patented and continuously absolutely homogenous elastomer-compound provided with an ISEGA Low Migration Certificate. Compared to rollers with a superficial functional coating the durability of DURA<sup>PRINT</sup> is significantly higher (picture 3+4).

picture 5: wash consumption



#### Significant advantages at a glance

- extreme fast in printing
- homogenous, closed and continuous covering
- adapted for conventional, UV and mixed printing
- easy and quick cleaning calling for significantly reduced wash quantities
- quick washing from „dark“ to „bright“
- up to now no restrictions are known regarding washes and inks
- reduced paper waste
- stable production run properties
- improved printing quality
- stable roller marks
- low Δ-E fluctuations

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