

# Web Offset Printing

## ANILOX-Offset Inking Roller

Compound Shore A  
573 58

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### Special material

Because there is only one dosing and distribution nip for the ink in the ANILOX short inking unit, higher standards of precision and compound homogeneity are required than for „standard“ inking units. This is why a special material with very extensive surface treatment is supplied for the inking roller in the ANILOX offset system.

### Surface

Despite the small number of ink splitting points, the fine, homogeneous roller surface ensures that no undesirable structures (grinding pattern) are transferred to the rubber blanket. Both screen dots and solids are easy to print. Even after a long period of use, the special material remains nearly glaze-free and the outstanding qualities of the roller are maintained.

### Geometry

Very tight production tolerances (cylinder form and concentricity) are maintained in the manufacture of the inking roller in order to suit the sensitive short inking unit. To ensure that this geometry is retained during use, a high-elasticity roller covering is used which has only minimal heat build-up, even under high dynamic stress (long column width, high printing speed). The low heat build-up means that the thermal expansion of the roller covering is also low and the geometry of the roller is kept almost constant.