

Dampening Roller Small Offset

Sheetfed / Web Offset Printing

	Werkstoff	Shore A
	279	30
	379	35
	479	40
	423, 573	58
	523	68
	221,806	100

Metered dampening film

In offset printing, the dampening roller has to transfer a metered quantity of an even dampening film to the printing plate.

Specially developed rubber compounds

Various special roller coverings have been developed for the dampening rollers in small-format sheet-offset printing, e. g. in direct continuous flow. Coverings suitable for any type of dampening unit can be supplied. These rollers can cope with dampening solution requirements which vary from print-run to print-run.

These coverings, with their highly-developed surface structures and hydrophilic nature, ensure a wide range of control of the fountain solution. Long printing periods are no problem with these rollers.

Cooperation with machine manufacturers

As to achieve the best operational safety for the different types of dampening systems and for the different roller positions, these rollers are supplied with individual surface structures and with different hardnesses.

In joint research with the machine manufacturers, the most efficient surface structure combined with roller hardness has been developed to maximise the performance of each roller position in each type of dampening system.

Rapid ink/water balance

Optimised roller design enables the ink/water balance to be obtained as quickly as possible at the start of printing and after stops. The start-up waste is reduced to a minimum.