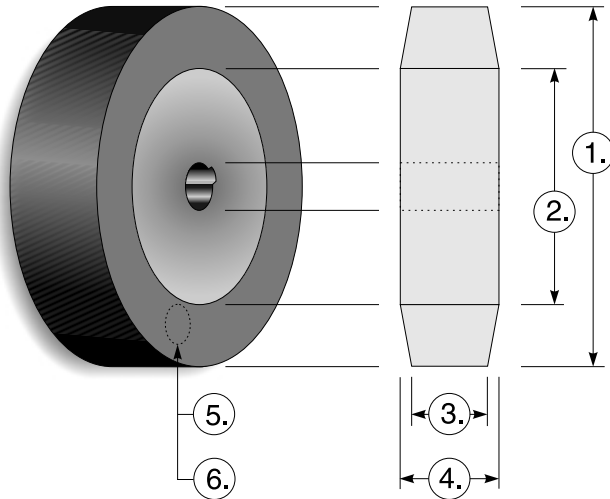


Tampon rollers

Rotary printing
Quality 37



Detailed construction of a tampon roller

The tampon roller is defined as follows (in mm):

- ① Roller diameter
- ② Aluminium core diameter
- ③ Printing width (silicone)
- ④ Aluminium core width
- ⑤ Silicone quality (silicone colour)
- ⑥ Silicone hardness (Shore hardness)

Quality 37

Reddish brown
silicone core

No. Shore hardness

1	=	24 Shore
7	=	40 Shore
8	=	55 Shore
9	=	70 Shore

Art. no.	Tampon roller Ø ①	Printing width ③	Core width ④	Core Ø ②	Tampon number
37 .. 913	201	8	8	190	913
37 .. 010	201	19	19	160	010
37 .. 910	201	27	27	160	910
37 .. 914	201	34	38	180	914
37 .. 912	201	35	35	160	912
37 .. 067	201	36	41	160	067
37 .. 907	201	50	50	160	907
37 .. 909	201	65	65	180	909
37 .. 911	201	90	100	160	911
37 .. 908	201	100	100	160	908
37 .. 905	201	100	100	180	905
37 .. 200	201	200	200	180	200

Application instructions:

Select the tampon roller taking into account the print image dimensions and the surface form/structure of the material to be printed.

The silicone® printing width is determined by the print image width. The tampon roller should be approx. 5 mm wider at each side than the print image width.

The surface form of the material to be printed determines the thickness of the silicone layer. Bevelled material where the tampon must adapt to the surface

requires a thicker silicone layer. It is possible that you will have to choose a smaller aluminium core®.

The surface structure of the material to be printed determines the hardness of the silicone layer®. The rougher and coarser the structure, the harder the silicone must be in order to achieve a sharp print (and the higher the pressure force of the machine must be).

The silicone layer is tapered towards the printing area which increases the smooth tampon roller operation as the printing area is supported at the sides (aluminium width® and printing width®).