

SpeedyCon®

The evolution of Silicon rollers and more

SpeedyCon® is a Silicon quality with advanced properties compared to High Temperature Vulcanisation (HTV) Silicone.



Advanced Physical Properties like Tensile strength, etc. (see table)

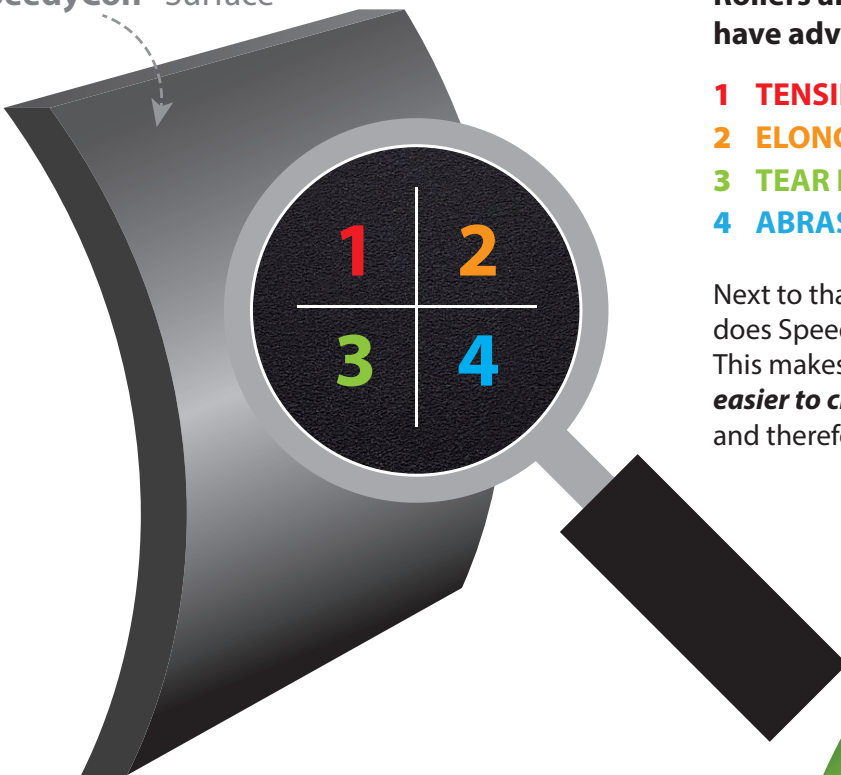


More dense surface than HTV Silicon and therefore easier to clean



Roller lifetime can be significantly improved

SpeedyCon® Surface



Rollers and molded parts of SpeedyCon® have advanced Physical properties like:

- 1 TENSILE STRENGTH
- 2 ELONGATION AT BREAK
- 3 TEAR RESISTANCE
- 4 ABRASION RESISTANCE

Next to that, are pores smaller and therefore does Speedycon have a more dense surface. This makes the surface of Speedycon rollers **easier to clean** than conventional silicon rollers and therefore **improves the lifetime**.

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SINCE 1938


Egberts
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SpeedyCon®

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TRY IT NOW!

ER 5070

*Request a sample
or inquire about the possibilities
of testing*

ER 5090

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Our ER 5070 (HTV Silicon) and ER 5790 (SpeedyCon®) are high quality compounds. Different compounds of SpeedyCon® or Silicon are available in hardnesses ranging from 15° Shore A up to 90° Shore A. Temperature resistance range from -/- 110°C to up to + 220°C. Very suitable for use in industries processing foil, paper, wood or food.

Developed to increase non stick properties of the surface and show increased physical properties (see table) for an increased lifetime of rollers and molded parts.

Physical Property	ER 5070 (HTV Silicon)	ER 5790 (SpeedyCon®)	
Tensile strength DIN 53504 (N/mm ²)	7.8	9.4	Higher = better
Elongation at break DIN 53504 (%)	385	743	Higher = better
Hardness DIN 53505 (Shore A)	70 ±3	70 ±3	-
Specific Gravity DIN 53479 (g/cm ³)	1.31	1.18	-
Abrasion resistance DIN 53512 (mm ³)	214	57	Lower = better
Elasticity DIN 53512 (%)	57	53	-
Tear strength ASTM 624 (N/mm)	10.5	30.6	Higher = better
Compression set DIN 53517 (%)	17.7	17.6	Lower = better
Color	Red	Graphite Gray	-

Compounds also available with FDA certificate and are therefore allowed to be used in contact with food.

The effective life span of the used compounds on rollers strongly depends on the application, intensity of use and materials used (i.e. for cleaning). Due to the wide variety of applications and materials used in practice it is not possible to provide accurate overall results. Please contact us or your account manager for more information regarding solutions we can provide for your specific applications.



A. Plesmanweg 34
7602 PE Almelo (The Netherlands)

T. +31 (0)546 86 11 82
F. +31 (0)546 86 09 94

I. www.egberts-rubber.com
E. algemeen@egberts-rubber.nl
E. info@egberts-rubber.nl