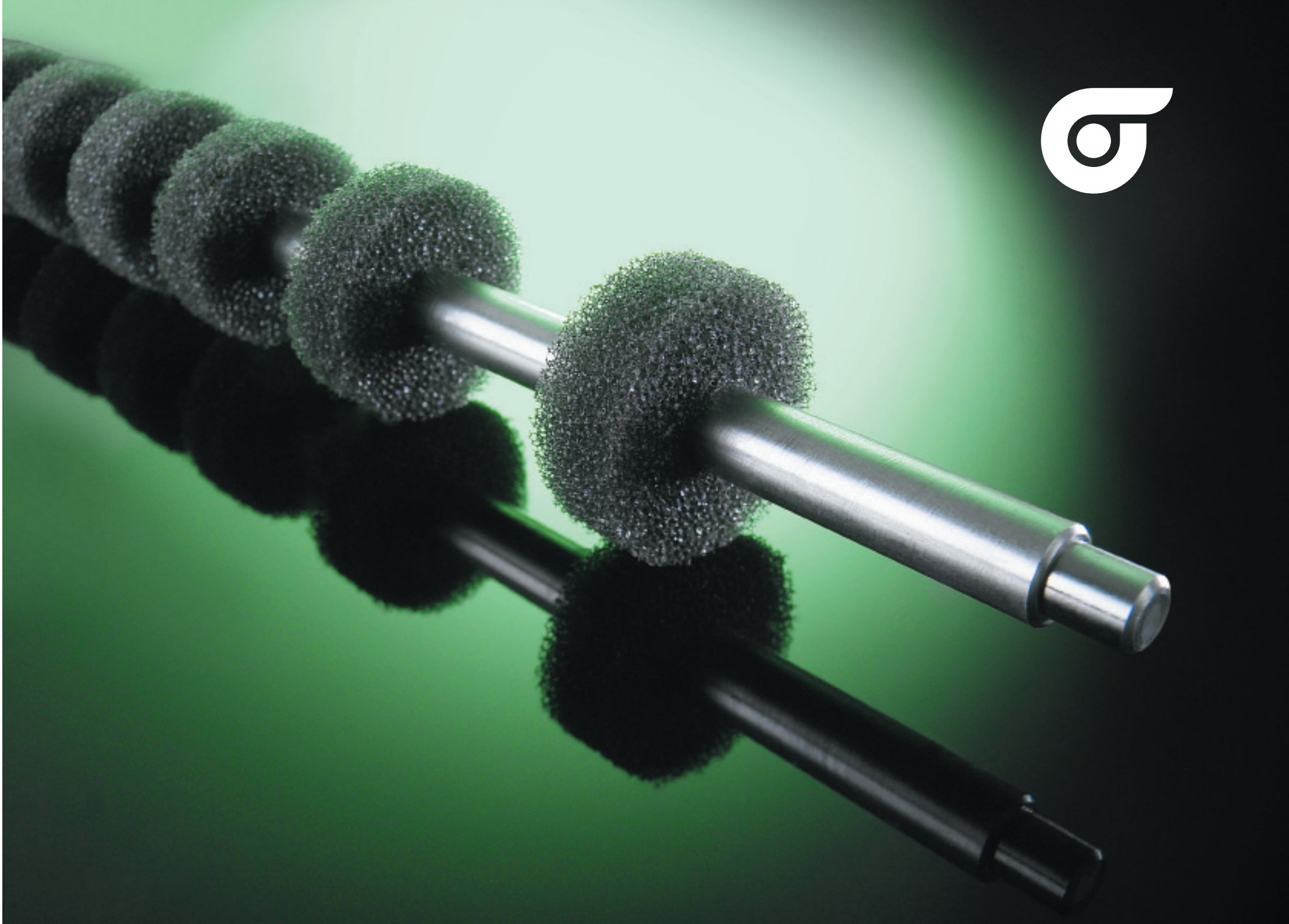
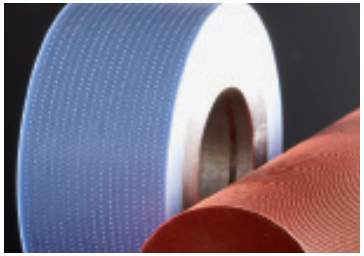
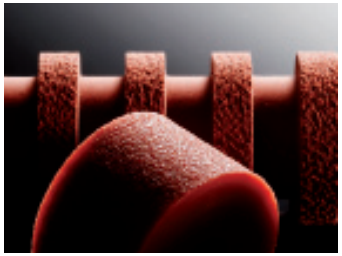
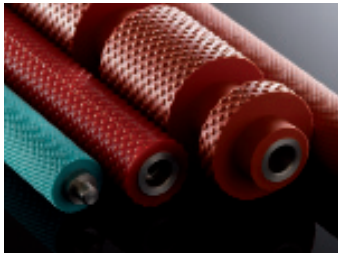




Producing high precision rubber coated rollers is an art. Rollers must be a homogeneous composition of shaft and coating. First of all the shaft must be perfect. The coating too must also be perfect but most important the union of shaft and coating must be faultless and durable, in order to give the rollers the precision and properties needed for their entire life. GTK has the know-how and the facilities to become not only a valuable supplier for its customers, but also a partner that will help them in developing new ideas and products. GTK is your consultant for choosing the right commercial rubber or plastic, or to formulate the right polymer blend for your application, with our goal of quality and customer satisfaction. In order to grant you the best precision, our moulds and hardware are designed and built internally, all facilitated by our personnel's long experience. Our organization, quality and customer care are certified under ISO 9001 standards.

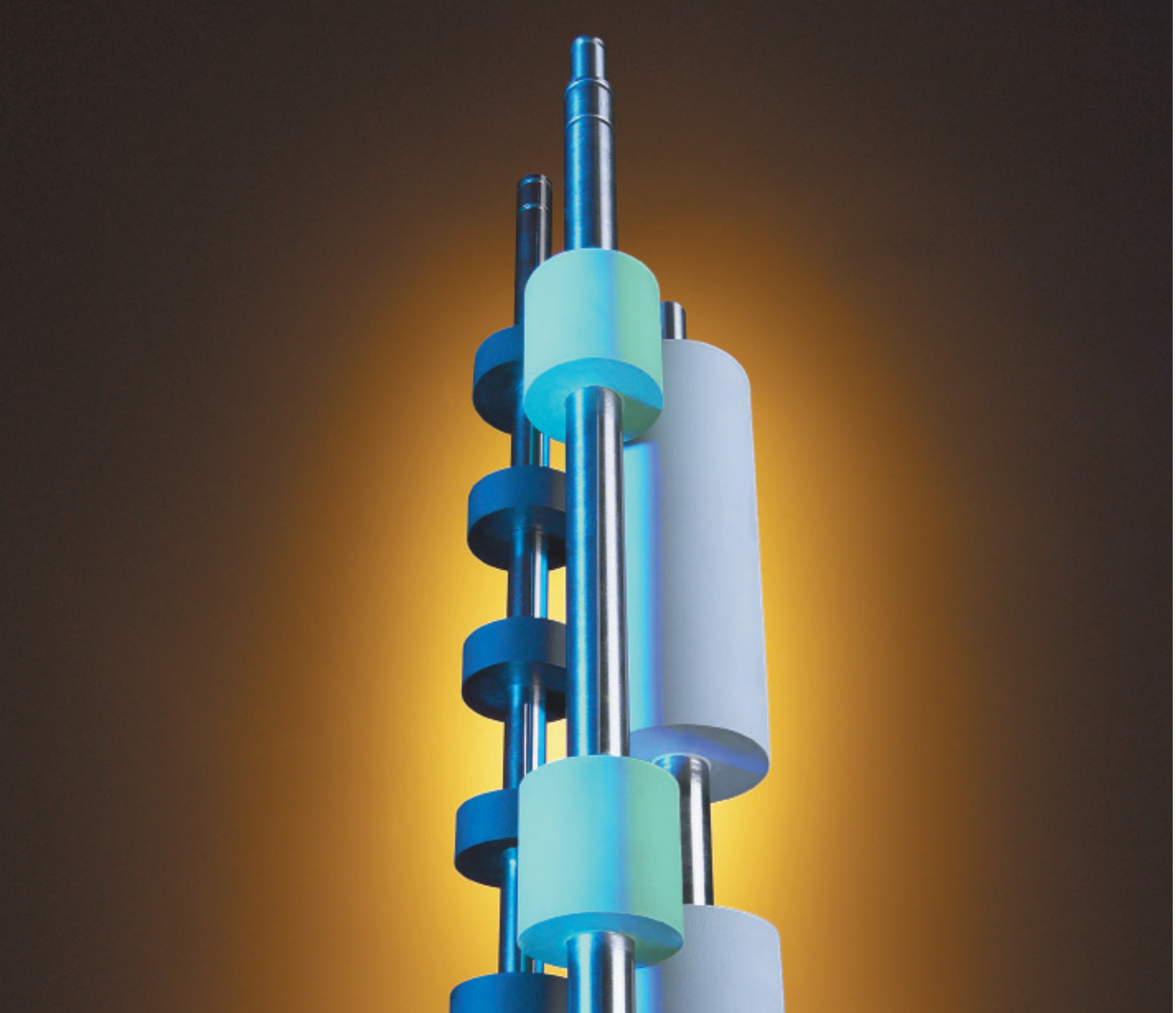
GTK is equipped with machines for the manufacturing of any type of metal rollers (cores) which allows to produce both small and large rollers. Technologically advanced systems, totally automated including online controls, allow the production of large batches at most competitive prices.

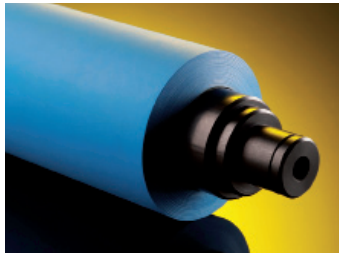
GTK produces rollers coated with every kind of expanded material based on different polymers (EU, AU, EPDM, CR,etc.): closed or open cells, ultra-compact, microporous, composite matrix, etc. Thanks to the possibility to modulate the elastic response as much as you like and to be able to produce expanded materials which are resistant to solvents, the use of rollers coated by these materials is growing in all technical applications. GTK makes available its own consolidated experience in selecting the materials and in the planning, with the aim of obtaining a fully satisfying realisation.

VMQ MQ PMQ HTV LSR RTV

Silicone is a unique material because it allows the rollers to work at high or low temperature without losing their elasticity characteristics. GTK has selected and developed the most appropriate type of silicone for every particular requirement and can suggest the optimal material which has anti-adhesive and antistatic properties with reinforced compounds that combine typical qualities of silicone with those of the most tenacious elastomers.





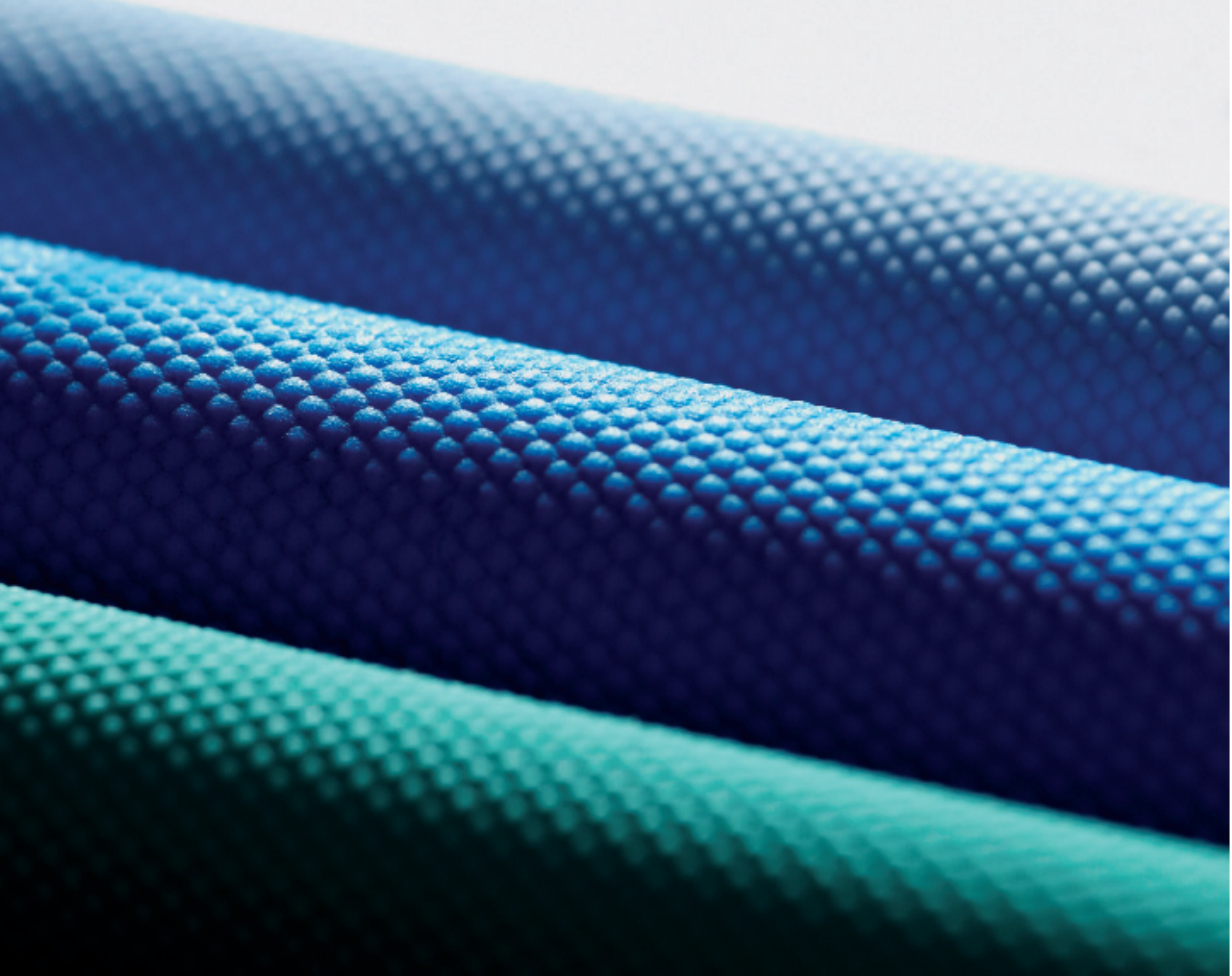
NR IR CR SBR NBR IIR EPDM CSM FPM

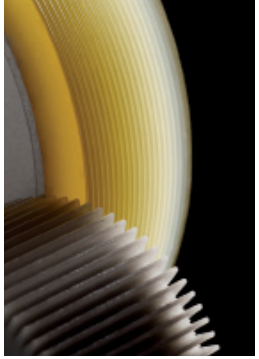
There are many hostile factors that rollers must be able to stand: acids, bases, solvents, heat, chemical reagents, UV rays, etc. GTK's experience covers every sector: from photography to the food sector, from pharmaceuticals to radiography, to the stamp. For every necessity GTK offers a wide choice of possible elastomers on the market, to user conditions, the precision of execution and the required duration.

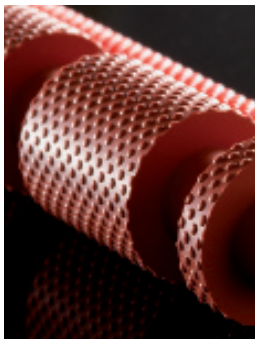


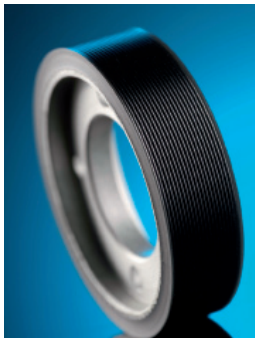
PUR EU AU

GTK counts with very modern systems for the production of polyurethane and it is capable of creating the most diverse types of this polymer, in every hardness, fully satisfying any specific request of antistaticness, resistance to abrasion, particular mechanical properties or coloration. Thanks to the well-equipped mould production unit and to the ten year experience, GTK can present high precision polyurethane rollers already casting finished: quality products obtained economically and with precision. The very high accuracy of the moulds produced by GTK allows any idea or shape to be realised in polyurethane, whatever the size of it.









The experience and know-how acquired during the past years allows GTK to manufacture coated rollers and coated metal components with particular and exclusive coatings: non sticking, anti-adhesive, resistant to abrasion.



PRODUCTION ABILITY FOR LARGE ROLLERS	PRECISION	COATING
Length: 5 meters Diameter: 750 mm Weight: 6000 kg max	+/- 0.02 mm tolerance on diameter and concentricity	rubbers polyurethanes silicones and expanded materials

New technologies require large and high precision rollers; GTK has invested great deal of time and money in plants and machinery-systems which allow solving the most difficult problems.



GTK
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