

COG

SOFT PRODUCTS

COG IS THE CREATOR OF THE COATED FOAMBALL.

In 1977, Oral Güvencel developed the first foamballs coated with a polyurethane skin. With this product as a base, he started the company COG. Since then, the products and machinery have been constantly developed, and today COG have the best machine park in the world within this industry. We also coat the balls with our fully inhouse-developed skin.

The machines are built with very high precision and are calibrated with sensitive measuring tools (1/100 mm), in order to achieve an exact spherical shape for every ball.

The skin, developed for over 25 years, is today the strongest on the market. The balls are very popular, especially on the U.S. market and the company's whole production capacity have periodically been devoted to our american clients.

Despite not doing any marketing, COG's products have reached world recognition for its superior quality, and the demand for the products is constantly rising.

Up to 2006, the company was in possession of the Güvencel family, who early decided to not increase the production.

This has resulted in an increasing demand on represented markets, but also that the skin-coated foamballs have been copied by numerous companies around the world.

Today, the company is owned by the CEO Johan Kåreby and the investor Roger Johansson. Johan Kåreby has a long experience as a Managing Director within Swedish industry. Roger Johansson is the founder and President of Marmite/Musclemachine - Europe's leading producer of Cast Marble Products.

COG's focus is today mainly on the development of new machinery, new colours and methods of printing. New products are also being developed, taking advantage of the materials' impressive features.

The main objective of COG Soft Products is still to develop and deliver the best coated foam products in the world.



WHY CHOOSE COG AS YOUR COATED FOAM PRODUCT PROVIDER?

SUPERIOR QUALITY

Our own, in-house invented machinery have a measuring tolerance of 1/100 mm, which results in the most perfect spherical shape.

The in-house developed skin, which is the strongest on the market, also has the smallest amount of shrink-factor. This helps the balls to keep their shape throughout the production process.

Our milled balls are manufactured from large blocks of various density and hardness. The most common qualities we use today are 28, 35 and 62 kg/m³. The heavier material, the better bounce. And with this, increased weight.

COG's products are famous for the high quality and long life time. To maintain this, we have changed our lightest material from 25 kg/m³ to 28 kg/m³.

In order to give the balls' surface longer life, we coat them with a very strong and flexible plastic surface. This has been developed by us during 25 years, and is today the strongest surface of its kind in the world. The skin is pigmented in various colours. Our balls contain no hazardous substances.

Moulded balls, like our American footballs and soccer balls, are often a bit heavier and do not keep the same roundness as milled balls. These balls are coated with a thick coloured plastic layer for long life and nice colour.

PRODUCT DEVELOPMENT

Since the end of 2005, we have increased our production capacity significantly and extended our machine park. This means that we now can deliver to new customers within four weeks.

Several new features have recently been developed, such as gold, silver and bronze coating, as well as new neon colours. We have also developed a new method to label our balls with four-colour print, with the same strength as the skin.

DELIVERY CAPACITY

We have access to more than 3000m² production area, which enables us to more than double our production when needed. Several lines can be started simultaneously, in order to increase flexibility and ability to handle large volumes.

We have today the capacity and flexibility to handle big orders. Every month we deliver several orders over 60m³.

ENVIRONMENT

We work hard to decrease our impact on the environment. We choose local subcontractors, primarily to decrease transportation distances. Our energy consumption have been minimized as much as possible with the help of heat exchangers and time-controlled thermometers. During 2007, we will install sewage treatment works in our facilities, which will decrease discharges of acetone with more than 90%.





Coated Balls - High Bounce

Name	Weight	Diameter
HB-210	348 g	210 mm
HB-180	195 g	180 mm
HB-160	165 g	160 mm
HB-120	66 g	120 mm
HB-90	32 g	90 mm
HB-70	16 g	70 mm

Colours



BLUE



PURPLE



RED



ORANGE



YELLOW



GREEN



BLACK



WHITE



Coated Balls - Medium Bounce

Name	Weight	Diameter
MB-210	200 g	210 mm
MB-180	133 g	180 mm
MB-160	100 g	160 mm
MB-120	43 g	120 mm

Colours



BRONZE



SILVER



GOLD



BLACK



WHITE



BLUE



PURPLE



RED



ORANGE



YELLOW



GREEN



NEON GREEN



NEON PINK



NEON ORANGE



NEON YELLOW



Coated Balls - Low Bounce

Name	Weight	Diameter
LB-250	275 g	250 mm
LB-210	175 g	210 mm
LB-180	115 g	180 mm
LB-160	83 g	160 mm

Colours



BRONZE



SILVER



GOLD



BLACK



WHITE



BLUE



PURPLE



RED



ORANGE



YELLOW



GREEN



NEON GREEN



NEON PINK



NEON ORANGE



NEON YELLOW



Uncoated Balls - High Bounce

Name	Weight	Diameter
HB-210	290 g	210 mm
HB-180	170 g	180 mm
HB-160	125 g	160 mm
HB-120	53 g	120 mm
HB-90	26 g	90 mm
HB-80	16 g	80 mm*
HB-70	12 g	70 mm

* Tennis Ball Size



Moulded Basketball

Weight: 315 g
Diameter: 200 mm



Moulded Volleyball

Weight: 315 g
Diameter: 200 mm



Moulded Football

Junior
Weight: 165 g
Length: 270 mm

Mini
Weight: 100 g
Length: 230 mm



Moulded Soccerball

sz4
Weight: 315 g
Diameter: 200 mm

sz5
Weight: 265 g
Diameter: 210 mm



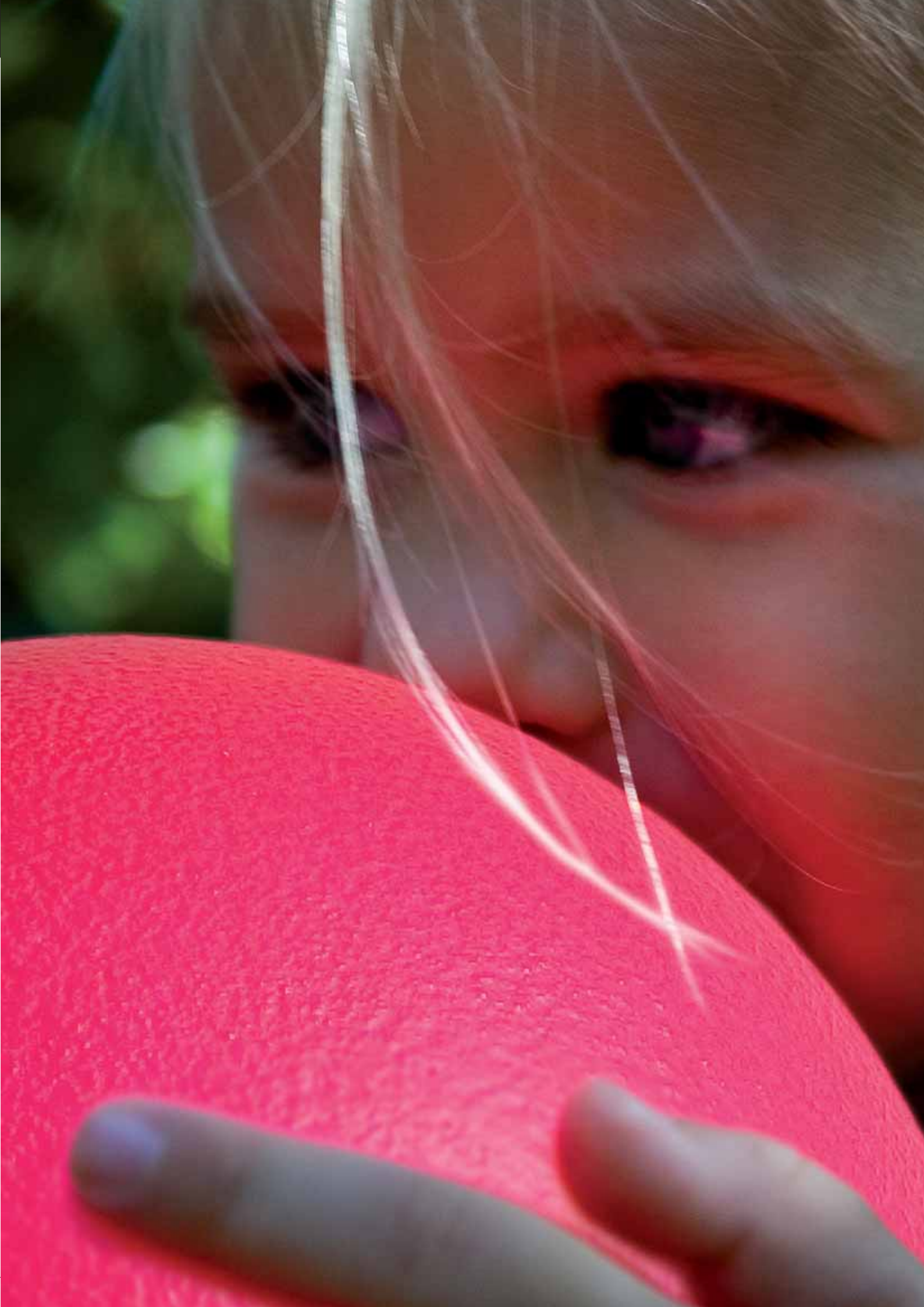
Moulded Handball

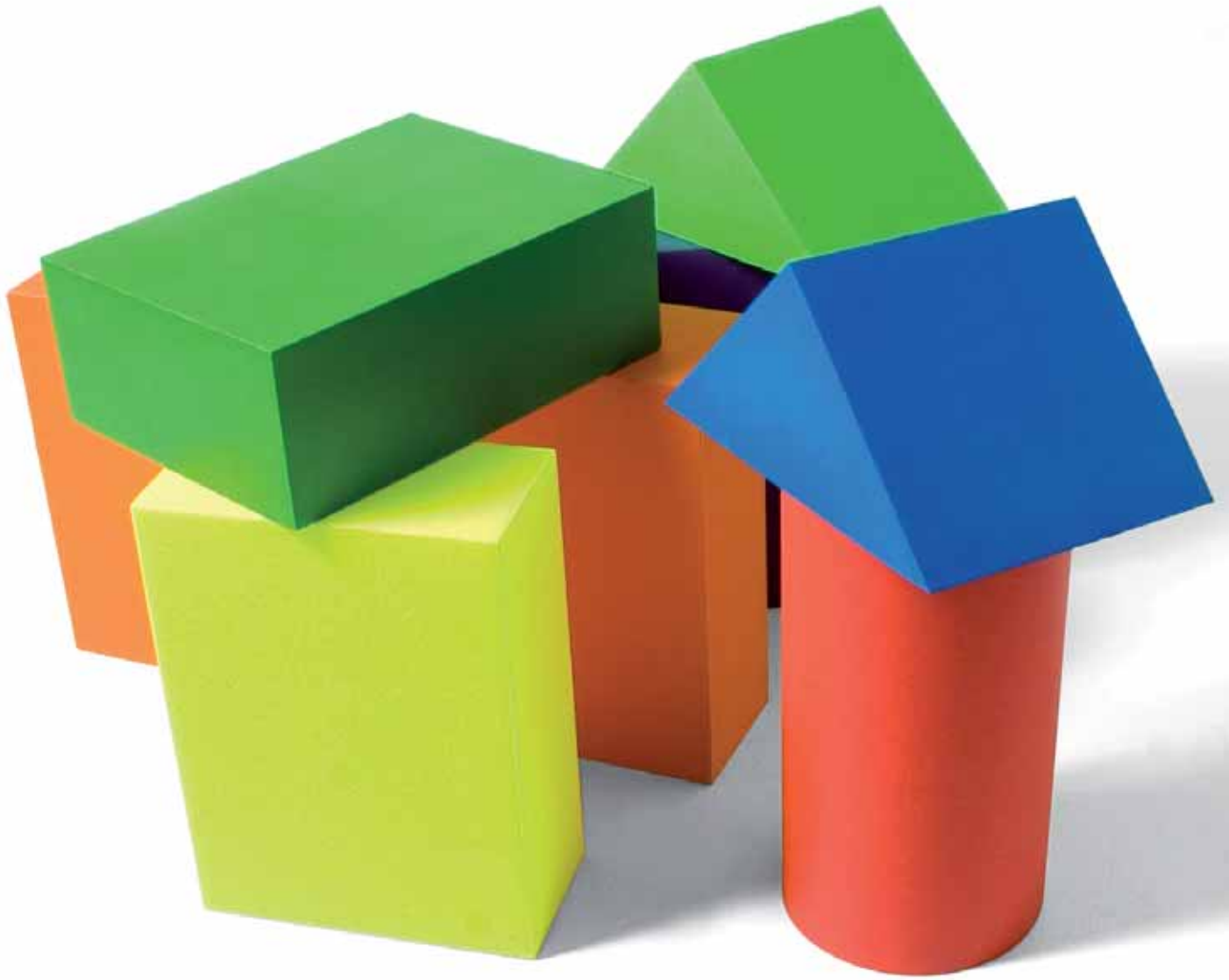
Weight: 130 g
Diameter: 150 mm





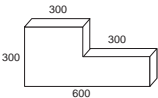

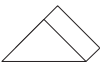
Bowlingball

Weight: 450 g
Diameter: 210 mm





Toy Blocks

Name	Shape	Dimensions
Cube		300x300x300 mm
Rectangle		300x150x600 mm
L-Rectangle		300x600x150 mm
Cylinder		Ø220x400 mm
Triangle		300x300x300 mm



Frisbee

Weight: 45 g

Diameter: 240 mm



Moulded Dice

Weight: 110 g

Dimensions: 160 x 160 mm

Labeling - Multi-Colour Process Print

Our labels are heat-applied with a special adhesive, which makes them a part of the skin, providing the same flexibility as the coating.





Flower - Coated Foam Stool

Dimensions: Ø540 x440 mm

Manufactured for:

OFFECCT

Design: Eero Koivisto 2003

For more information visit www.offecct.se