



LUCTHAAN®

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LUCTHAAN is a polyurethane system developed by LUC, and is available in hardnesses from 40 to 95 Shore A. Due to its variety of specific properties it very often provides an interesting alternative to established conventional polyurethane and rubber products. A number of different grades are available and therefore **LUCTHAAN** is suitable for a variety of applications.

Next to good wear properties, partly excellent hydrolytic stability and good resistance towards mineral oils and greases, **LUCTHAAN** demonstrates very good compression set, good temperature resistance and high friction properties.

Modifying the formulations can further improve certain properties:

LUCTHAAN-CS 50 – 80 Shore A
very low compression set

LUCTHAAN-HB 60 – 95 Shore A
good resistance towards acids and lye, resistant against temperatures of up to 120°C

LUCTHAAN-PP 60 – 95 Shore A
very good wear resistance

LUCTHAAN AS 60 – 80 Shore A
antistatic

LUCTHAAN EG 60 – 80 Shore A
electric conductive

LUCTHAAN NK 60 – 90 Shore A
anti-adhesive(non-sticking)

LUCTHAAN FDA 60 – 90 Shore A
permitted for food processing

LUCTHAAN CR 70 – 80 Shore A
enhanced permanent roughness

Products are supplied to a number of different industries, for example:

Steel and aluminium industry:

Bridle rolls, S-rolls, pinch rolls, braking rolls and wheels, squeeze rolls, coating rolls, laminating rolls, rolls in electro-static machinery, painting rolls

Plastics industry:

Supporting, pressure and laminating rolls in foil manufacturing (incl. antistatic, electric conductive and/or anti-adhesive versions)

Paper and wood industry:

Glue rolls

Concrete and bricks industry:

Moulded parts, stoneware cases

Other applications:

Food processing, e.g. bakery rolls, moulded parts, hydro-cyclones

You will be able to find more information on our website at www.lucgroup.com

