

MAXIMIZE THE SURFACE – PERFORMANCE!



RÜBIG

®

PLASTIT

RÜBIG



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DL coat PLASTIT[®] is a Diamond Like Carbon (DLC) coating which shows an outstanding wear and corrosive resistance, a low friction coefficient and high hardness.



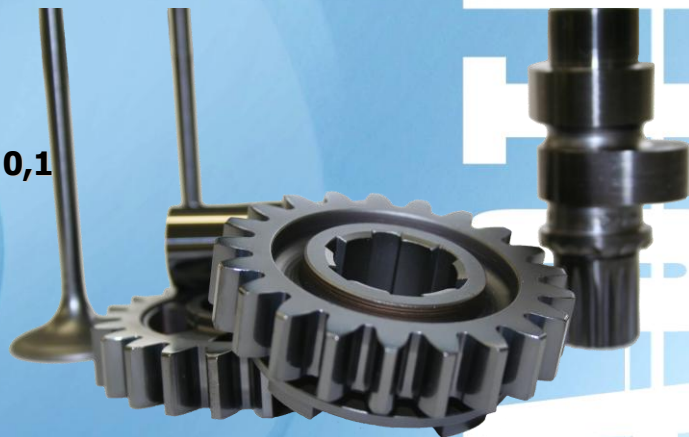
We use a Rübig PECVD equipment to deposit these layers at low temperature, accurately, cleanly and cheaply to a wide variety of substrates – regardless of the substrate geometry.

Hardness about 2000 to 3500 HV

Friction coefficient steel – DL coat PLASTIT[®] about 0,1

Non sticking characterics

High elasticity

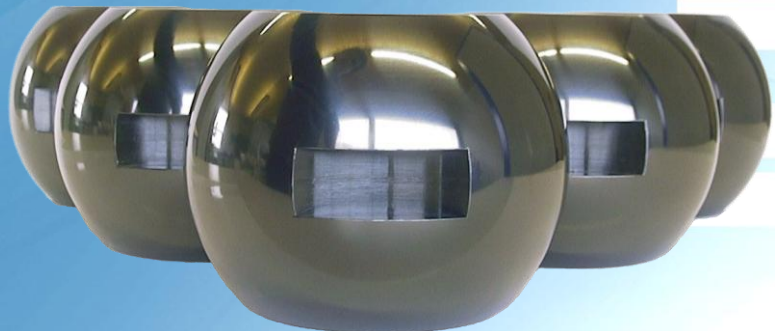


Due to the low deposition temperature (below 150 C) also coating of low tempered steel and aluminium is possible.

Thermal stability < 450°C

Good bio-compatibility

Colour: anthracite to black



Application fields of our DL coat PLASTIT are automotive industry (manufactory of components as valves, piston sleeves,...), pumps, seals, the textile industry and for many other precision-parts which need a high wear resistance, lowest friction and a high surface quality.