

Press Release

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DLC – Reliability and Performance Boost

After becoming part of Sulzer Metco Thin Film in 2010 the former Bekaert activities in DLC expanded their area of application in motorsport. Since the company name changed CAVIDUR® is still the right choice for performance and reliability.

Coatings have become an important factor for performance and high speed. Today, practice has already proven that coatings have exceeded all expectations.

CAVIDUR® coatings are well established in racing series like NASCAR and Formula 1. Besides the four wheeled racing series also others can benefit. The extremely hard and low friction CAVIDUR® coatings can also meet the requirements found in two wheeled motorcycles and motocross. They can increase the life-time of components whether on wet, muddy or dry tracks.



Sulzer's DLC coatings have been proven to be technically the best solution for most components in most situations. The different CAVIDUR® coatings cover diverse requirements of various components in a racing engine's powertrain. What all CAVIDUR® coatings have in common is that they increase hardness thereby extending component life, and reduce friction, offering a measurable performance boost. Besides best wear resistance also excellent tribological properties can be provided.

Customers from mass production also profit from the commitment in racing. DLC coatings can be applied to different applications and for some extend or complete parts. The DLC coating CAVIDUR® for racing finds its adequate analogy in DYLYN®Plus for mass production. Its development for automotive mass production is based on the racing experience.

With almost 20 years of experience in racing Sulzer Metco Thin Film knows what it takes to successfully introduce DLC coatings in your race engine. Our unique technology, delivered via our reliable services, is valued by customers in a diverse motor sport segments. A professional team assists you in the definition and realization of the appropriate surface finish of the components prior to coating. The R&D department continuously works on improving the reliability, durability and performance required by our customers to provide your CAVIDUR® coating that helps you to take pole position.

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