



MITEX TCS

EXTREME THERMAL CONDUCTIVITY

The TCS roller coating series is explicitly developed for applications involving energy transfer.



Combination of opposites: Elastic material behavior and thermal conductivity



Energy savings: Thermally conductive coating significantly reduces necessary process energy



Efficiency increase: Energy transfer enables new process windows and higher web speeds



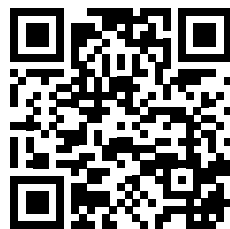
Combinable: Can be refined with HIGHRELEASE for extreme anti-adhesion



Variety: Wide range of product variants developed for your requirements

Benefit from your advantage:

Tell us your requirements, we will develop your roller concept.



APPLICATION EXAMPLES OF TCS

The MITEX TCS product range is ideal for demanding cooling and heating roller positions and withstands high process temperatures.

Selected examples of TCS applications include embossing counter rollers, extrusion calibration rollers, curtain-coating rollers, lamination and adhesive application rollers, as well as various cooling roller positions.

Examples for configurations:

- › Roughness between 0.5 - 5 µm possible
- › Embossing effect adjustable
- › Standard hardness range 40°A - 85°A
- › Very even and homogenous surface possible



ADDED VALUE FOR YOUR PRODUCTION

› HIGHEST COOLING AND HEATING PERFORMANCE:

TCS sets the industry benchmark with up to 4x higher thermal conductivity.

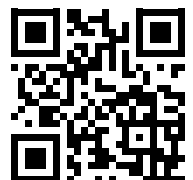
› AVOIDS ADHESION:

MITEX TCS is anti-adhesive and precisely grindable.

› INDIVIDUAL SOLUTIONS:

We are happy to develop new materials for your specific application.

LEARN MORE NOW:



MITEX

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