



**SIEMAG
TECBERG**

TECHNICAL INFORMATION

TEC-BE-PLAST FRICTION-PULLEY AND ROPE- SHEAVE LINERS

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TEC-BE-PLAST FRICTION-PULLEY AND ROPE-SHEAVE LINERS

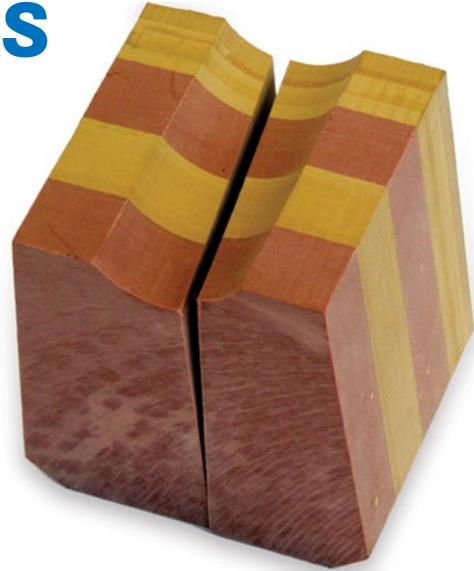
For decades, TEC-BE-PLAST friction-pulley and rope-sheave liners have been successfully used for the safe transport of men and material in shaft hoisting plants all over the world.

TEC-BE-PLAST friction-pulley liners have high friction coefficients and good abrasion resistance even under difficult operating and hoisting conditions. These characteristics ensure high friction grip between hoisting rope and friction pulley in shaft and rope/cableway applications of all types.

TEC-BE-PLAST friction-pulley liners consist of compressed duroplastic plates and achieve a high stability and a constant coefficient of friction at different operating temperatures. The high coefficient of friction is assured even under varying mechanical operating conditions.

TEC-BE-PLAST friction-pulley liners are manufactured in accordance with DIN 22405. They can be produced to meet required dimensions and assembly needs as well as special customer requirements and operating conditions.

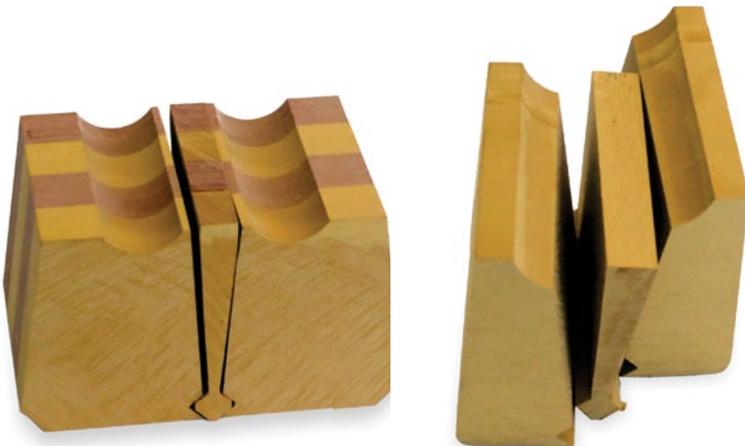
TEC-BE-PLAST friction-pulley liners have been officially tested and approved for shaft-hoisting plants on machines above and below ground. Test certificates can be supplied on request.



TEC-BE-PLAST-563 friction-pulley liner block, divided



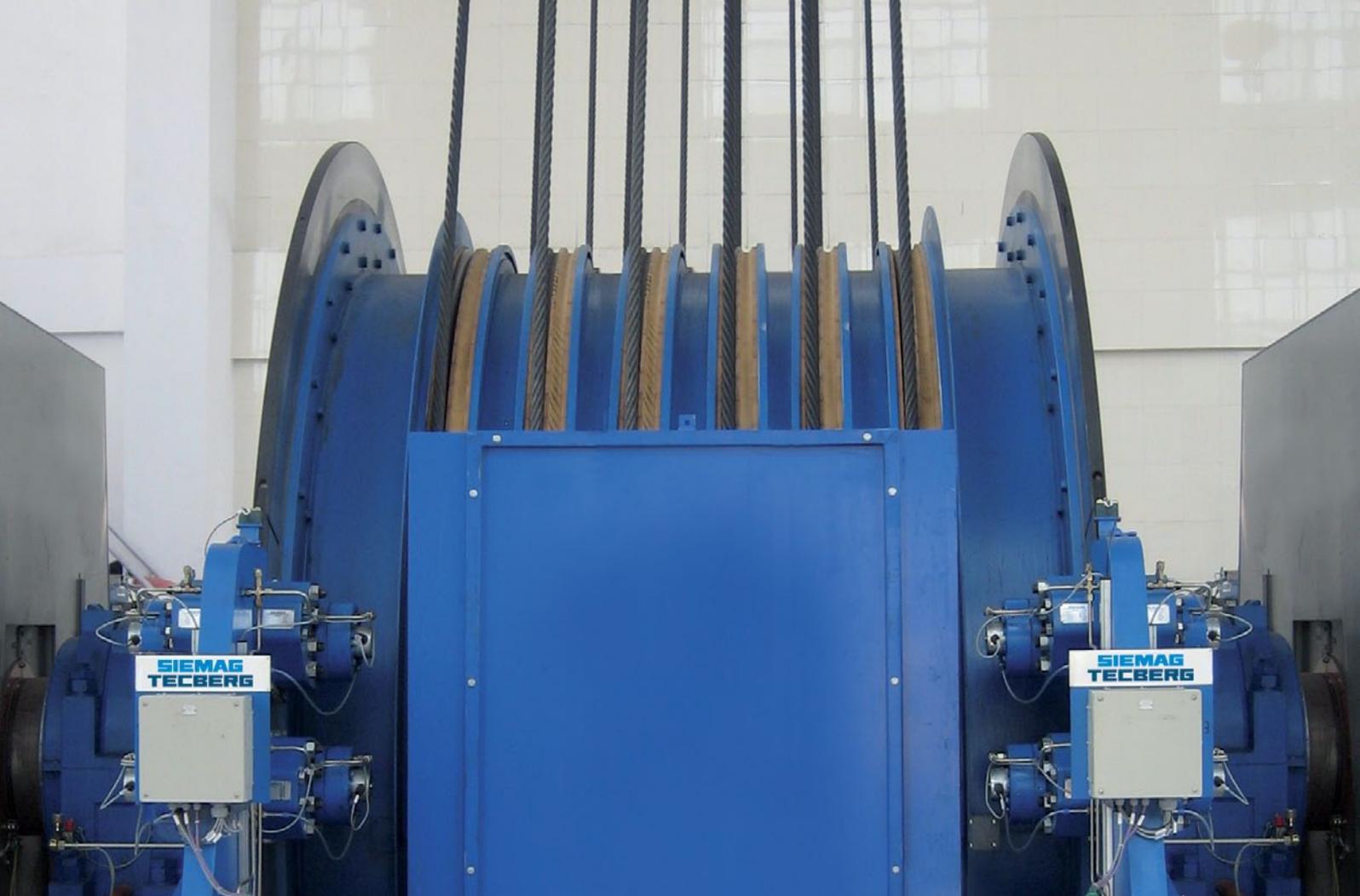
TEC-BE-PLAST-848 friction-pulley liner block, divided with double rope groove



TEC-BE-PLAST friction-pulley liner block, tripartite end block



TEC-BE-PLAST special friction-pulley liner block, divided



6-rope Koepe hoisting engine fitted with TEC-BE-PLAST friction-pulley liners

TEC-PE-1000

TEC-PE-1000 rope-sheave liners have been used effectively for decades in rope sheaves (head and deflection sheaves) as a consumable elastic part for reducing wear and tear to hoisting ropes and the sheaves themselves. The material TEC-PE-1000 is developed in such a way that no compression or deformation of the rope can take place.

The outstanding chemical and mechanical properties of the material TEC-PE-1000 ensure smooth running of the rope and long life-span of both rope and sheave. The material is weather-resistant, even under extreme cold and very hot operating conditions.

TEC-PE-1000 rope-sheave liners are available in electrically conducting or insulating characteristic for use in hoisting operations above and below ground. The rope-sheave liner elements are fitted by driving wedge blocks into the specially designed and shaped rope groove.



TEC-PE-1000 wedge liner of plastic material



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