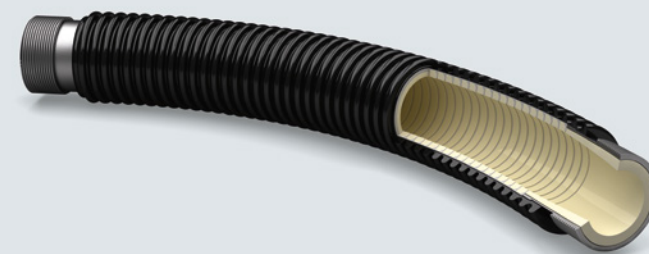


CERA SYSTEM offers wear resistant pipe elbows, Y and T parts as well as other shaped pieces. The most diverse of ceramics are used. The ceramic is solid (wall thickness approx. 6 mm / 1/4"). All solutions are nominal diameter conformant, they can be assembled problem-free without having to adjust the pipe-lines. The clear width corresponds to the flange connection. Our speciality: the ceramic pipe elbows are actually formed in a single piece to the required angle as opposed to counter stacking multiple sections of mitered straights to form the angle. The single piece formed ceramic liner of the CERA PIPE ceramic lined elbow eliminates multiple joints that can fail in service.

CERA PIPE

PIPE WEAR PROTECTION



CERA SYSTEM supplies wear resistant flexible solutions. Ceramic hoses manufactured by CERA SYSTEM can be used everywhere where hoses regularly wear and must be replaced. The hose consists of ceramic rings that are vulcanised together with special reinforced rubber materials. Pressures of up to 10 bar / 145 psi are permitted.

CERA FLEX

CERAMIC HOSES

CERA SYSTEM



PRODUCTS AND SERVICES



CERA SYSTEM Verschleißschutz GmbH
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Phone: +49 36601 919-0
E-Mail: info-cera-de@samsongroup.com
Internet: www.cerasystem.de

Advantages that help your production process run smoothly

- Our products have a joint-free lining.
- We supply the best low-weight wear protection available.
- We guarantee nominal size conformity.

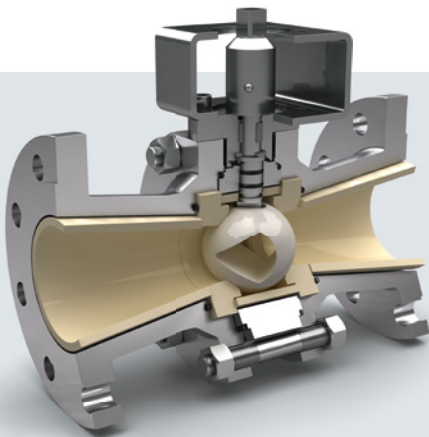
Wear protection under the toughest operating conditions

High-performance ceramic materials often lead to completely new opportunities – everywhere where resistance to wear and tear, corrosion protection and high temperature stability are required. We offer our customers a wide range of proven standard products. Many of our ceramic lined products can be delivered cost-effectively and at short notice.

Standard products and custom solutions

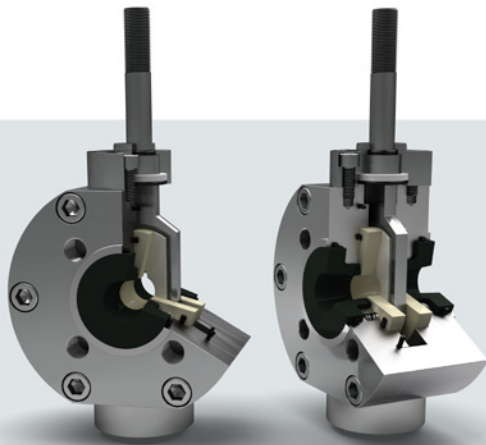
Our range of services includes the design, testing, manufacturing and delivery of our system solutions that make sizable economic benefits possible. Our standard products are designed for use under extreme conditions. When certain application areas are not covered by our product range, we will develop new solutions in close-cooperation with our customers.

Our after sales service provides optimum customer support.



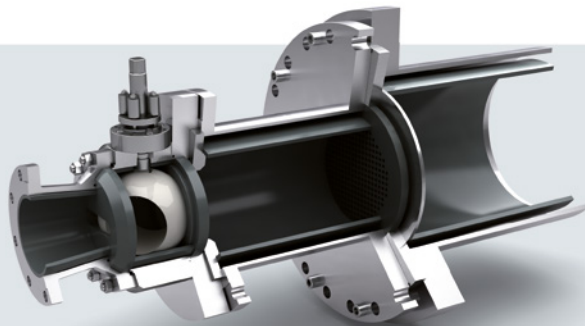
CERA SYSTEM offers wear and corrosion resistant ball valves for open / close and control function. The use of ceramic lined valves is sensible in all cases where standard valves reach their limits (abrasion, corrosion, temperature and pressure). A large range of metallic and ceramic materials permits solutions for almost all industrial sectors. Special applications are solved in close cooperation with our customers.

CERAVALVE
BALL VALVES



CERA SYSTEM offers wear and corrosion resistant sliding disc valves for open / close and control function. With this type of construction, the media is fully sealed off by ceramic. It is therefore suitable for highly corrosive media. Further advantages: Excellent control for small flows (Q < 1000 l/hr) and fluids containing solids – completely cavity free. The slide valve is available from DN 2 up to DN 80 / 5/64" up to 3".

CERAVALVE
SLIDING DISC VALVE



CERA SYSTEM offers system solutions with ceramic components. In-house development and sales engineers ensure for the complete design of ceramic systems and create economical, customer-specific complete solutions all over the world. Product developments in the coal gasification and photovoltaic sector are only examples of numerous other industry-specific applications.

CERAMIC
SYSTEM SOLUTIONS