



SEAMLESS SAFETY

RHEINMETALL BALLISTIC PROTECTION

PASSION FOR TECHNOLOGY.

 RHEINMETALL

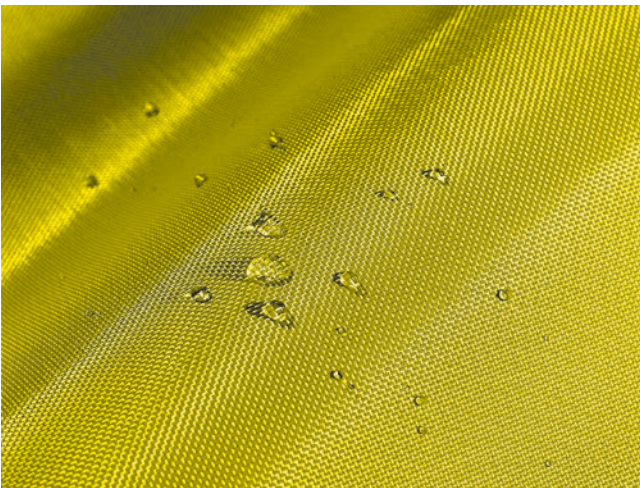
SEAMLESS SAFETY

The greatest possible safety means perfect safety, which in turn means that there is no allowance for risks from interfaces. In order to exclude these risks right from the start we offer complete development of ballistic protection systems from one source, starting with the raw material and extending right up to the ready-to-use end product.



THE WEAVE

Our security target begins with the choice of woven textiles. We are specialists in ballistic fabrics and laminates made of Kevlar®, Twaron®, Dyneema® and S2-Glas®.



THE PROCESS

Processing the fabric with our own formulations ensures the high ballistic protection even under tough conditions.



LAMINATION

The latest technologies and machines for the manufacture of ballistic panels guarantee a consistent high standard.



CUTTING

Our computer-controlled processes maximise the use of all materials and ensure tailor-made production of our customers' individual requirements.



Rheinmetall Ballistic Protection

MILITARY OBJECT PROTECTION

One of the greatest challenges for modern armies is equipping vehicles, helicopters and ships with the maximum possible protection while keeping additional weight to a minimum. Our products for the protection of military objects are made of various materials tested for its suitability for military use, such as individually coated aramid, high performance polyethylene and glassfibre. Against higher threat levels these materials can be combined with various kinds of ballistic ceramics for optimum security and optimum mobility.

The product range for military object protection comprises:



Naval protection systems



Helicopter protection systems



Vehicle protection systems

AUTOMOTIVE OBJECT PROTECTION

Our customized automotive protection systems can be adapted to the individual design of automobiles and the threat level in their particular area of operation. Rheinmetall uses state-of-the-art materials such as individually coated aramid, high-performance polyethylene and combinations of different ballistic materials. Virtually invisible and without affecting performance and handling, our automotive protection systems offer levels of protection in line with the most stringent international standards.



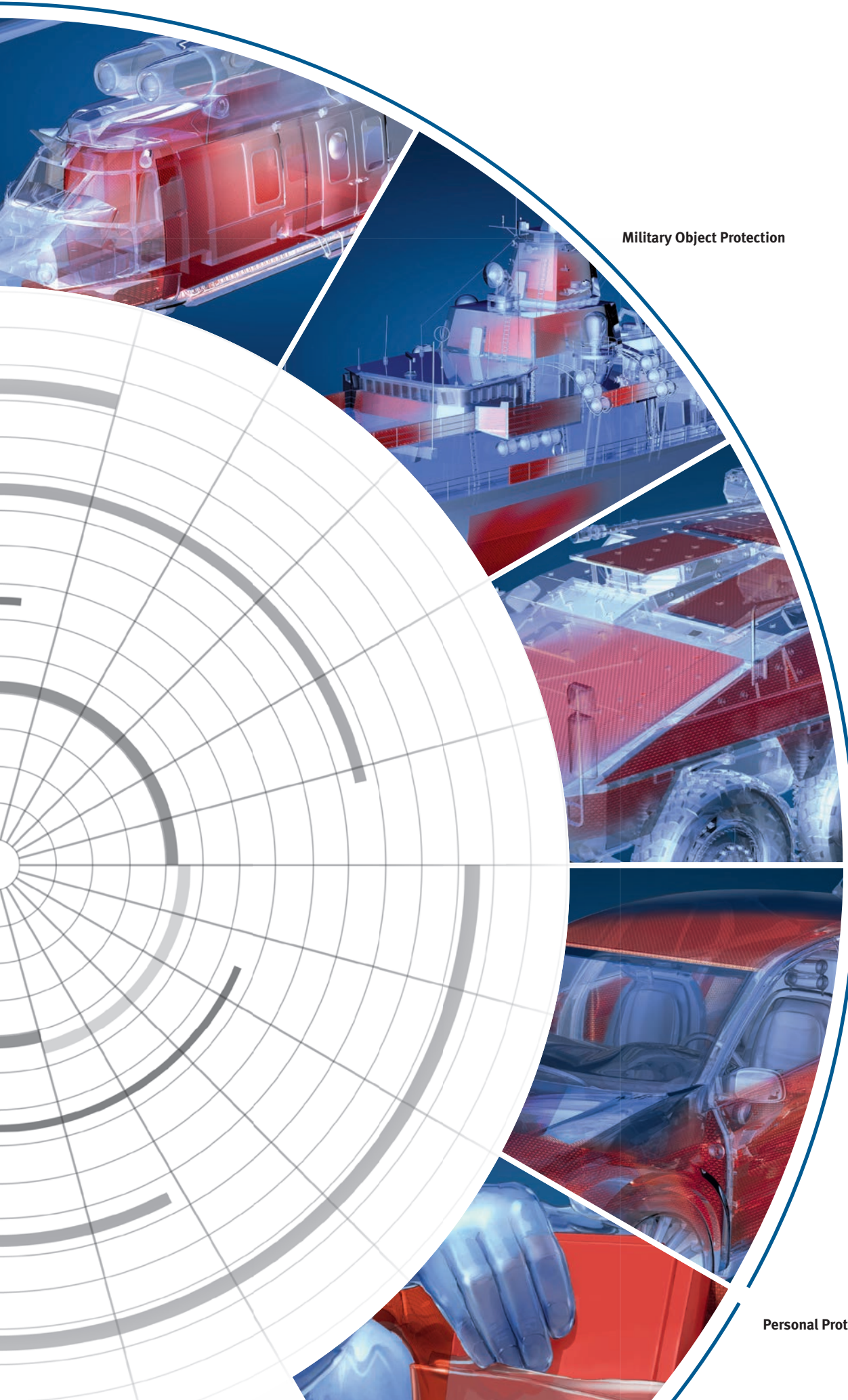
Automotive protection systems

PERSONAL PROTECTION COMPONENTS

These special ballistic solutions are part of our range of products. We produce ballistic fabrics for body armour, coated fabrics for anti-stab systems (Protexa®) and prepregs for inserts. Further we produce ballistic inserts to raise the protection of body armour level against heavy calibre ammunition (for example NIJ level III and IV and SK4).



Inserts and Fabrics



Military Object Protection

**Automotive
Object Protection**

Personal Protection Components

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