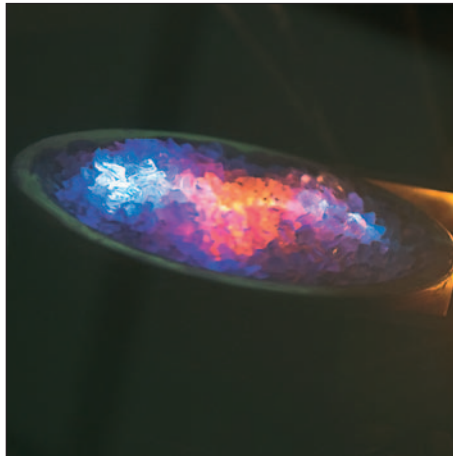


In Olching wird eine Vielzahl von optischen Beschichtungen gefertigt. Bei LASER COMPONENTS erhalten Sie innerhalb kürzester Zeit Einzelstücke oder auch Kleinserien der verschiedensten Produkte. Vertrauen Sie auf beste Qualität und Produkte mit besonders hohen Zerstörungsschwellen.

Nomenklatur für beschichtete Substrate

Die Nomenklatur der beschichteten Substrate folgt einem immer gleichen Schema. Das macht es Ihnen möglich, aus den Artikelbezeichnungen direkt das Produkt herauszulesen.

Im ersten Teil wird das Coating, im zweiten Teil das Substrat beschrieben, auf welchem das Coating aufgebracht ist.



In Olching a large number of optical coatings is manufactured. At LASER COMPONENTS, you receive individual pieces or small-quantity series of various products within a short period of time. Rely on the best quality with particularly high damage thresholds.

Nomenclature for Coated Substrates

The nomenclature of coated substrates always follows the same pattern. This makes it possible for our customers to deduce the product directly from its article number.

The first part of the number indicates the coating and the second part indicates the substrate onto which the coating is applied.

Nomenklatur der Beschichtung – Coating Nomenclature

Nomenclature	Description
HR____	End mirrors; angle of incidence 0°
HR____/45	Bending mirrors; angle of incidence 45° (different angles possible)
PR____	Partially reflective mirrors; angle of incidence 0°
BS____	Beam splitters; angle of incidence 45° (different angles possible)
HR____HT____	Dichroic beam splitters or combiners for 0° or 45° (different angles possible)
AR____	Anti-reflection coating

1. Description of the Coating	2. Description of the Substrate
HR532/45	PW1037UV
Highly reflective coating for 532 nm at an angle of incidence of 45°	Plane window type PW (plane window) Diameter: 1.0" Thickness: 0.375" Fused silica glass

1. Description of the Coating	2. Description of the Substrate
BS1064/45 S35P10/AR	PP0525C
Beam splitter coating for 1064 nm at an angle of incidence of 45° with Rs-pol = 35 % and Rp-pol = 10 % including AR coating on the rear side for 1064 nm	Plane window type PP (plane parallel) Diameter: 0.5" Thickness: 0.25" BK7 glass

