

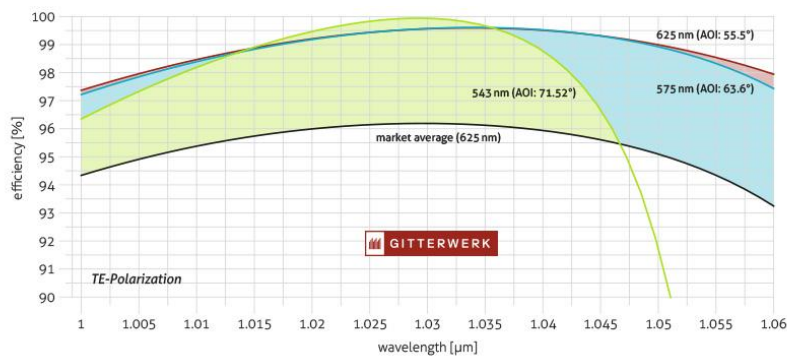
1030–1040 nm transmission Grating

optimized grating for high power and ultra short pulse lasers

Industrial standard on a new level

Get the best gratings for the market's most common wavelength. With our high grating efficiency (up to 99.5%) you can increase your laser power up to 20% compared to the market average.

Our in house know-how about grating design and the opportunity to fine-tune the wavelength range enables you to use the 1030 nm grating for nearly every industrial or scientific application.



“Efficiencies up to 99.5% – incl. AR-Coating!”

5% higher Grating Efficiency = 20% more Laser Efficiency – Due to 4-passes of the compressor gratings.

“Perfect Transmission Gratings for ultrashort pulse laser!”

Perfect Transmission Gratings for:

- pulse compression
- beam combining
- chirp pulse amplification (CPA)

Industrial Applications:

- Automotive / E-Mobility
- Photovoltaic
- Semiconductor Industry
- Life Science / Medical Technology

- Spectroscopy
- Material processing
- Defense
- Research and Development

Product Details:

- VERY GOOD HOMOGENEITY, up to 135 mm diameter
- TYP.3 OR 6.35 MM SUBSTRATES,high mechanical stability
- ALL-DIELECTRIC and ultra-pure fused silica
- NO STITCHING/PERIOD VARIATIONS,low wavefront distortions
- OPTIMAL EFFICIENCIES-due to individual Design