

# 1064 nm transmission grating

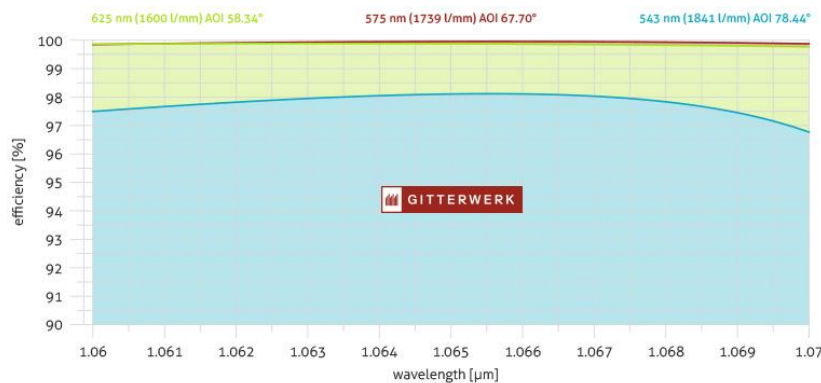
best gratings for high power and ultra short pulse lasers

## Perfect transmission grating for your laser

No matter if you are working in the field of ultra short pulse lasers, laser beam combining or anything else in the spectral band around 1064 nm, Gitterwerk-Gratings are the right choice for you.

With efficiency of more than 98%, our diffraction gratings will make your application shine.

We would be happy to provide you with the best gratings on the market for your 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!”

## High Performance Transmission Gratings for:

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

## Industrial Applications:

- Material processing
- Marking
- Life Science / Medical Technology

- 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