Nozzles for wool and fiber production.

Glass wool and glass fiber are manufactured at temperatures of over 1600 °C (2912 °F). During the production process, the liquid melt passes through outflow nozzles made of molybdenum or tungsten. The melt is then either blown or spun to create the finished product.

It is essential that the molten stream is precisely dosed and perfectly centered if a high-quality finished product is to be achieved. We make this possible with our temperature-resistant molybdenum and tungsten nozzles. With their iridium and rhenium inserts these nozzles combine excellent corrosion resistance with a long service life. To make sure our nozzles last even longer, we have developed a special technology for joining the small precious metal tubes to the body of the nozzle.

Do you need any other robust components made from refractory metals? That's not a problem. Alongside outflow nozzles made from molybdenum and tungsten, we also manufacture suitable molybdenum glass melting electrodes, nozzle holders, flow needles, extension tubes, furnace components and, of course, tailor-made products to meet your needs manufactured from molybdenum, tungsten, tantalum, chromium and niobium.
Why wait? Our ribbons, sheets, rods and wires manufactured from refractory metals are available for order online right now. Take a look: www.plansee.com/shop/