

## Quality throughout all processes

There's no exception to quality. Murdotec applies the highest of quality standards in its dealings with customers and handling of processes. Trust in

- an outstanding foundation for the quality of your finished parts.
- consistently high standards of quality thanks to monitoring around the clock with the help of an in-house inspection and quality system.
- our laboratories, which tests what we will later produce on our presses.
- diverse tests of special additives, modifiers, and colours before being used in series production.



## Highest demands in production and consulting

As a manufacturer based in Germany, we guarantee the highest quality:

- thanks to the targeted choice of selected raw materials as well as continuous monitoring during production and the composition of recipes.
- on request to develop individual solutions.
- in advising to find the best way to use our semi-finished products.

## Sustainability for the environment

Sustainability is an often abused term. Murdotec has decided to do a little less talking in the interests of a little more action:

- collecting and storing of pieces and shavings that accumulate during cutting and subsequent further processing.
- staying well below the specified limits of emission values with continuous maintenance, monitoring and renewal.
- targeted environmental and energy management.



**Murdotec**  
KUNSTSTOFFE

YOUR SPECIALIST  
FOR ENGINEERING  
PLASTICS

**Murdotec**  
KUNSTSTOFFE

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Murtfeldt Group

A MEMBER OF THE MURTFELDT GROUP





## Technical PE in excellent quality

Murdotec only uses HMW-PE- and UHMW-PE-group polyethylene and improves this quality significantly by:

- using sophisticated recipes from its own laboratory.
- innovative production technologies as the latest computer-controlled and monitored press lines and environmentally-safe raw-material handling.

The result is an extensive product range consisting of sheets, pre-cut parts, and rods.

## In figures

ESTABLISHED IN	2001
MANAGING DIRECTOR	Felix Tilse
HEADQUARTERS & PRODUCTION LOCATION	Dortmund (North Rhine-Westphalia), Germany
WORKFORCE	50
TURNOVER	approx. € 18 million

### PRODUCTS/PROCESSES

Development, production and sale of thermoplastics (UHMW-PE/PE 1000 and HMW-PE/PE 500), pressed semi-finished products, technical construction plastics

### SECTORS

Machine construction and plant engineering, construction industry, automotive industry, medical engineering, aerospace industry, oil production, electrical engineering and many other fields of industry.

## Murdotec® Premium PE

**Murdotec® 1000 green**  
PE-UHMW  
with 5 million g/mol

**Murdotec® 1000 black AST**  
PE-UHMW  
with 5 million g/mol

**Murdotec® 1000 natural**  
PE-UHMW  
with 5 million g/mol

## Murdotec® Regenerated PE

**Murdotec® 1000 U green**  
ecology-minded,  
sustainable, green

**Murdotec® 1000 U black AST**  
ecology-minded,  
sustainable, antistatic

**Murdotec® 1000 U black-multicoloured**  
ecology-minded,  
sustainable

## Dialen® Lining PE

**Dialen® MR opal green**

top wear resistance

**Dialen® MR black AST**

top wear resistance,  
antistatic

**Dialen® MR natural**

top wear resistance

## Murdotec® Specialties

**Murdotec® 2000 MC**  
optimized gliding

**Murdotec® 1000 E**  
electrically conductive

**Murdotec® 2000 MD**  
metal-detectable

**Murdotec® 2000 MCE**  
optimized gliding,  
electrically conductive

**Murdotec® 2000 MOS**  
optimized gliding,  
silicone-free

**Murdotec® 2000 G**  
filled with micro glass beads

**Murdotec® 2000 MCWE**  
optimized gliding for POM,  
silicone-free,  
electrically conductive

**Murdotec® 1000 white ESD**  
white and electrically conductive

**Murdotec® 2000 HS**  
heat-resistant

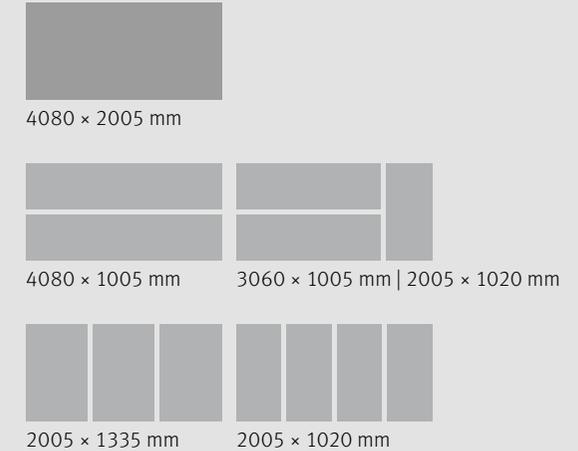
**Murdotec® 2000 C**  
filled with ceramic

**Murdotec® 1000 AB**  
antimicrobial

## Sheet sizes

### Sheet sizes made of 4 × 2 m

Thickness: 8 – 130 mm/standard formats



### Sheet sizes made of 6 × 2,5 m

Thickness: 8 – 80 mm/XXL-formats

