

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

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A MEMBER OF THE **MURTFELDT GROUP**



Murdotec
Kunststoffe

YOUR SPECIALIST
FOR ENGINEERING
PLASTICS





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
CEOS	Detlev Höhner, Andreas Balla, Felix Tilse
HEADQUARTERS & PRODUCTION LOCATION	Dortmund (North Rhine-Westphalia), Germany
WORKFORCE	50
TURNOVER	approx. € 15 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.

Sheets in many RAL colours

1018 Zinkgelb Zinc yellow
1021 Rapsgelb Rape yellow
1023 Verkehrsgelb Traffic yellow
1034 Pastellgelb Pastel yellow
2001 Rotorange Red orange
2003 Pastellorange Pastel orange
2009 Verkehrsorange Traffic orange
3003 Rubinrot Ruby red
3018 Erdbeerrot Strawberry red
3020 Verkehrsrot Traffic red
3022 Lachsrot Salmon pink
4002 Rotviolett Red violett
4007 Purpurviolett Purple violet
5000 Violettblau Violet blue
5002 Ultramarinblau Ultramarine blue
5005 Signalblau Signal blue
5009 Azurblau Azure blue
5012 Lichtblau Light blue
5013 Kobaltblau Cobalt blue
5015 Himmelblau Sky blue
5017 Verkehrsblau Traffic blue
5021 Wasserblau Water blue
5024 Pastellblau Pastel blue
6002 Laubgrün Leaf green
6003 Olivgrün Olive green
6004 Blaugrün Blue green
6018 Gelbgrün Yellow green
6019 Weißgrün Pastel green
6024 Verkehrsgrün Traffic green
6026 Opalgrün Opal green
7001 Silbergrau Silver grey
7004 Signalgrau Signal grey
7024 Graphitgrau Graphite grey
7031 Blaugrau Blue grey
7035 Lichtgrau Light grey
7040 Fenstergrau Window grey
8012 Rotbraun Red brown
8015 Kastanienbraun Chestnut brown
8019 Graubraun Grey brown
9016 Verkehrsweiß Traffic white
9017 Verkehrsschwarz Traffic black

Sheet sizes

Sheet sizes made of 4 × 2 m

Thickness: 8 – 130 mm/standard formats



4080 × 2005 mm



4080 × 1005 mm

3060 × 1005 mm | 2005 × 1020 mm



2005 × 1335 mm

2005 × 1020 mm

Sheet sizes made of 6 × 2,5 m

Thickness: 8 – 80 mm/XXL-formats



6100 × 2505 mm



6100 × 1250 mm

3060 × 1250 mm



2005 × 1250 mm

2505 × 1010 mm