

ROD DIMENSIONS

Plastics	Diameter	Graduations	Length	Ø-tolerance
Original Material "S" green	10 – 100	5	1000	+0/+1
Semi-finished product according to ISO 15527 sheet group 1.2	100 – 200	10	1000	+0/+1
Original Material "S" natural	10 – 30	5	1000	+0/+1
Semi-finished product according to ISO 15527 sheet group 1.2	30 – 200	10	1000	+0/+1
Original Material "S" black antistatic	10 – 100	5	1000	+0/+1
Semi-finished product according to ISO 15527 sheet group 1.2	100 – 200	10	1000	+0/+1
Original Material "S" coloured	on request		1000	+0/+1
Material "S" 1000green	on request		1000	+0/+1
Material "S" 1000black antistatic	on request		1000	+0/+1
Muralen ⁺ green/natural/black antistatic	on request		1000	+0/+1
Muralen ⁺ coloured	on request		1000	+0/+1
Muralen ⁺ plus + AB	on request		1000	+0/+1
Material "S"8000"	on request		1000	+0/+1
Original "S"plus + Materials	on request		1000	+0/+1
Original Material "S" green ⁺ /natural/black (extruded)	20 – 100	10	2000	on request
Muralen ⁺ natural/black (extruded)	30 – 100	10	2000	on request
Murlubric ⁺	20 – 100	5	1000	as per DIN EN 15860
	100 – 200	10	1000	as per DIN EN 15860
Murlubric ⁺ blue [FS] ⁺	20 – 100	5	1000	as per DIN EN 15860
	100 – 200	10	1000	as per DIN EN 15860
Murylon ⁺ 6 Cast natural	50 – 500	#	1000	as per DIN EN 15860
Murylon ⁺ 6 Cast black	50 – 500	#	1000	as per DIN EN 15860
Murdopol ⁺ (rods with and without steel core)	50 – 200	10	500	on request
Murylon ⁺ B natural	5 – 100	#	1000	as per DIN EN 15860
Murylon ⁺ B black	10 – 100	#	1000	as per DIN EN 15860
Murylon ⁺ A natural	5 – 200	#	1000	as per DIN EN 15860
Murylon ⁺ A black	20 – 100	#	1000	as per DIN EN 15860
Murylon ⁺ A GF black	10 – 200	#	1000	as per DIN EN 15860
Murytal ⁺ C natural	3 – 200	#	1000	as per DIN EN 15860
Murytal ⁺ C black	5 – 200	#	1000	as per DIN EN 15860
Murytal ⁺ C blau [FS] ⁺	15 – 200	#	1000	as per DIN EN 15860
Murytal ⁺ H natural	5 – 200	#	1000	as per DIN EN 15860
Murytal ⁺ H black	20 – 100	#	1000	as per DIN EN 15860
Murytal ⁺ ESD black	30 – 100	#	1000	as per DIN EN 15860
Murylat ⁺ natural	10 – 210	#	1000	as per DIN EN 15860
Murylat ⁺ black	20 – 150	#	1000	as per DIN EN 15860
Murylat ⁺ SP	10 – 150	#	1000	as per DIN EN 15860

Rod sizes in mm
Tolerances: Widths and lengths $\geq +0$ mm, as per DIN EN 15860 or as per GKV.

Other colours and dimensions (diameter and length) and other pre-cut parts and round discs on request. # Irregular graduations; please state required ϕ . We will provide you with the suitable/next largest ϕ .

ROD DIMENSIONS

Plastics	Diameter	Graduations	Length	Ø-tolerance
Murylon® HT	16 – 60	#	1000	as per DIN EN 15860
Murinyl®	10 – 250	#	1000	as per DIN EN 15860
Murflor®	10 – 120	#	1000	as per GKV
Murflor®-Carbon	10 – 100	10	on request	as per GKV
Murflor®-Bronze	10 – 100	10	on request	as per GKV
Murflor®-Glass	10 – 100	10	on request	as per GKV
Murinit SP®	10 – 100	#	1000	as per DIN EN 15860
Murpec®	10 – 140	#	1000	as per DIN EN 15860
	150 – 200	#	1000	as per DIN EN 15860
Murpec® SP	8 – 100	#	1000	as per DIN EN 15860

Rod sizes in mm
Tolerances: Widths and lenghts ≥ + 0 mm, as per DIN EN 15860 or as per GKV.

Other colours and dimensions (diameter and length) and other pre-cut parts and round discs on request. # Irregular graduations; please state required ø. We will provide you with the suitable/next largest ø.

LEGEND

according the following material characteristic tables

The material characteristic tables, which are based on data from our suppliers of raw materials, are intended to help you to quickly compare/select a material. The values stated are short-term values that can be affected by processing, environmental, and application conditions. The customer is solely responsible for the suitability of the selected material for the specific application.

- + Dry
- ++ Air-moist (saturation in standard atmosphere of 23°C / 50% RH)
- RH Relative humidity
- NB No break

 also available as Food Safe Material ref. EU 1935/2004 and EU 10/2011..

- 1) The mechanical and electrical characteristics are based on a test temperature of 23°C
- 2) Temperature stress for several hours; no or low mechanical stress (short-term service temperature)
- 3) Temperature stress for 5000h; then reduction (approx 50 %) of tensile strength of initial value (constant: for 5000h)
- 4) As the temperature decreases, the impact strength drops. The specified values are based on the most unfavourable impact load possible and do not represent absolute practical limits (lower service temperature)
- 5) The electric strength can be up to 50% lower than for natural coloured materials (for black Murylon® B, Murylon® A, Murytal® C/H, and Murylat®)

Chemical resistance of our materials:
For a detailed selection chart, see our Internet pages at www.murtfeldt.com.

PRINT UPDATE

Up-to-date info regarding all available Murtfeldt print data can be found here: murtfeldt.com/services/print-media-updates

Here you can check online, if there are any changes to existing Murtfeldt catalogs, brochures and calendars.

