



iglidur® I180

iglidur® I180-BL



Order key

Tribo-filament

Diameter

Weight

I180-PF- 0175 -0250

iglidur® material

Tribo-filament

Ø [mm · 100]

Spool weight [g]



For tight material feed
radii

iglidur® I180 – Flexible

- Nozzle temperature: +250 °C up to +260 °C
- Print bed temperature: +90 °C up to +110 °C
- Excellent wear behaviour
- Good mechanical properties

iglidur® I180-BL – For visible parts

- Nozzle temperature: +250 °C up to +260 °C
- Print bed temperature: +90 °C up to +110 °C
- Excellent wear behaviour
- Good mechanical properties

Dimensions [mm]

Filament diameter	Outer Ø spool	Inner Ø spool	Spool width	Weight [g]	Part No.
1.75	–	–	–	25	I180-PF-0175-0025 ¹¹⁴⁾
1.75	205	55	55	250	I180-PF-0175-0250
1.75	205	55	67	750	I180-PF-0175-0750
3.00	–	–	–	25	I180-PF-0300-0025 ¹¹⁴⁾
3.00	205	55	55	250	I180-PF-0300-0250
3.00	205	55	67	750	I180-PF-0300-0750
1.75	–	–	–	25	I180-BL-PF-0175-0025 ¹¹⁴⁾
1.75	205	55	55	250	I180-BL-PF-0175-0250
3.00	–	–	–	25	I180-BL-PF-0300-0025 ¹¹⁴⁾
3.00	205	55	55	250	I180-BL-PF-0300-0250

¹¹⁴⁾ This product is a test kit, it is not wound onto a spool

Processing instructions

iglidur® Tribo-Filaments can be processed on any 3D printer that is equipped with a heated print bed on which temperatures are adjustable. The igus® adhesive film allows a good adhesion between the iglidur® Tribo-Filament and the print bed. iglidur® I150 is the only Tribo-Filament that can be processed on 3D printers, that are not equipped with a heated print bed.

- Good ventilation should be provided during processing
- When heated above +300 °C, hazardous fumes are produced

Spool

iglidur® Tribo-Filaments weighing 250 g are wound onto a spool with an outer diameter of 105 mm, a width of 55 mm. It has an inner diameter of 55 mm. Test kits with 25 g filament are also available; this is not wound onto a spool.

3x more material

With the bigger spool size, each spool contains 750 g filament (300 m filament in 1.75 mm diameter or 90 m filament in 3 mm diameter).