

Sprøjteoptrækker

Ergonomic syringe handle.

Lightweight ergonomic grip for drawing/pulling syringes. The handle features a pinky bumper and finger valleys for maximum comfort.



Application

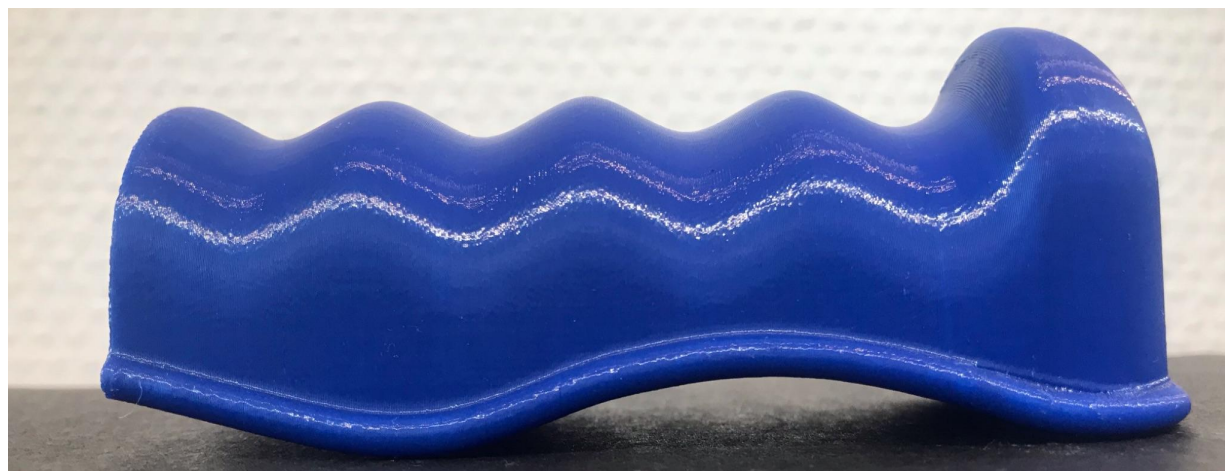
- Place plunger flange in a dedicated pocket, place your thumb on the flange and pull gently.
- Designed as an alternative to relying on finger strength and dexterity.
- Ergonomic design allows for the entire hand and arm to be engaged.

Care and cleaning

- Wipe clean with a damp cloth.
- Wipe dry with a clean cloth.
- Avoid harsh chemicals, aggressive solvents, acids or alkalis

Technical specifications

Product name	Sprøjte Optrækker
Intended for	Pulling plastic syringes with ergonomic grip
Minimum syringe size	20 ml syringe
Maximum syringe size	50/60 ml syringe
Height	108,90 mm
Width	44,10 mm
Depth	43,65 mm
Weight	29 g
Manufacturing material profile	PETG filament / PETG composition



Properties and Restrictions

Material profile

Filament	PETG, 1.75 mm
Composition	PETG
Density	1.28 g/cm ³
Melting temperature	214 deg C
Glass transition temperature	66 deg C
Vicat softening temperature	70 deg C
Heat deflection temperature	62 deg C @ 1.8 MPa; 69 deg C @ 0.45 MPa
Saturated water absorption	0.40% at 25 deg C / 55% RH
Chemical notes	Odorless; insoluble in water; resistant to most oil and grease; <i>not</i> resistant to acids, alkalis or some organic solvents.

Use Restrictions

General	Do not use the device for injection, dosing control, drug measurement, or any function other than assisting manual pulling of the syringe plunger.
Cleaning	Do not autoclave, boil, heat-sterilize, or machine-wash the device, as the PETG material may deform under elevated temperatures.
Environmental	Do not use the device in situations where a sterile accessory or validated high-level disinfection is required, unless the device has been separately validated for that use.
Heat exposure	Do not store near radiators, heaters, ovens, stoves, direct sunlight, hot windows, vehicles or other heat sources that could soften or deform the part
Wet areas	Do not use it in showers, bathrooms with heavy condensation, above sinks, outdoors, dusty areas or locations exposed to cleaning chemicals, solvents, acids, alkalis or corrosive vapours.
Syringe Size	Should not be used with syringes outside this range or with syringe types that do not fit securely in the plunger pocket.

Material mechanical reference values

Property	Reference value
Young's modulus	1810 +/- 190 MPa (X-Y); 1540 +/- 130 MPa (Z)
Tensile strength	34 +/- 4 MPa (X-Y); 23 +/- 4 MPa (Z)
Breaking elongation rate	8.6 +/- 1.2% (X-Y); 5.1 +/- 0.8% (Z)
Bending modulus	2050 +/- 120 MPa (X-Y); 1810 +/- 140 MPa (Z)
Bending strength	64 +/- 3 MPa (X-Y); 48 +/- 4 MPa (Z)
Impact strength	31.5 +/- 2.2 kJ/m ² unnotched and 6.2 +/- 1.8 kJ/m ² notched (X-Y); 10.6 +/- 1.2 kJ/m ² (Z)