

Pump tubes made of polypropylene

for pumping aggressive media such as acids, alkalies and detergents, Ø 41 mm

Standard tube lengths (available from stock)

700 mm • 1,000 mm • 1,200 mm • 1,500 mm • 1,800 mm

Special lengths (available within 1-2 days)

from 200 mm up to 3,000 mm
(Depending on the pump tube material and the medium temperature)



Polypropylene = PP pump tubes up to 50 °C

- Can be used for aggressive and hardly flammable media.
- Especially suitable for aggressive media such as cleaning agents, acids and alkalies.
- Drive shaft made of stainless steel 316 Ti or hastelloy 2,4610.
- Hose connection 1" included (¾" or 1¼" also possible).
- Maximum medium temperature 50 °C.

Rotor/Impeller



Axial (Rotor)

Standard in all pump tubes.

- Pump tubes with rotor are used when high capacities and low heads are required.
- A typical application is the decanting of drums and containers at same level.
- A rotor made of stainless steel 316 Ti is available as an option.



Radial (Impeller)

- If larger heads at lower flow rates are required pump tubes with radial impellers are the right choice.
- For this a special pump foot is required. In any case it was to be considered that the actual performance of a pump tube is depending on the power of the used motor.
- An impeller made of stainless steel 316 Ti is available as an option.

Material of pump tube	Pump tube diameter	Pump tube length	Version	Order No.
Polypropylene (SS) Stainless steel drive shaft 316 Ti	Ø 41 mm	700 mm	Rotor	2641 0070
			Impeller	2641 0071
	Ø 41 mm	1,000 mm	Rotor	2641 0100
			Impeller	2641 0101
	Ø 41 mm	1,200 mm	Rotor	2641 0120
			Impeller	2641 0121
	Ø 41 mm	1,500 mm	Rotor	2641 0150
			Impeller	2641 0151
Polypropylene (HC) Hastelloy drive shaft 2,4610	Ø 41 mm	700 mm	Rotor	2141 0070
			Impeller	2141 0071
	Ø 41 mm	1,000 mm	Rotor	2141 0100
			Impeller	2141 0101
	Ø 41 mm	1,200 mm	Rotor	2141 0120
			Impeller	2141 0121
	Ø 41 mm	1,500 mm	Rotor	2141 0150
			Impeller	2141 0151
	Ø 41 mm	1,800 mm	Rotor	2141 0180
			Impeller	2141 0181

Examples of media

Formic acid (50%)
Ammonia
Boric acid
Distilled water
Fertilizer solutions
Iron II and III-chloride
Acetic acid (80%)
Photo developer
Fruit acids
Potassium hydroxide solution
Copper chloride
Lactic acid
Sodium hydroxide solution
Phosphoric acid
Hydrochloric acid
Sulfuric acid up to (90%)
Hydrogen peroxide
Citric acid
and many other media

- Special lengths from 200 to 3,000 mm are available on request with short delivery times.