

# Pump tubes made of polypropylene

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

# 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.**

**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 alkalis.
- 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.

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	<b>2641 0070</b>
			Impeller	<b>2641 0071</b>
	Ø 41 mm	1,000 mm	Rotor	<b>2641 0100</b>
			Impeller	<b>2641 0101</b>
	Ø 41 mm	1,200 mm	Rotor	<b>2641 0120</b>
			Impeller	<b>2641 0121</b>
	Ø 41 mm	1,500 mm	Rotor	<b>2641 0150</b>
			Impeller	<b>2641 0151</b>
	Ø 41 mm	1,800 mm	Rotor	<b>2641 0180</b>
			Impeller	<b>2641 0181</b>
Polypropylene (HC) Hastelloy drive shaft 2,4610	Ø 41 mm	700 mm	Rotor	<b>2141 0070</b>
			Impeller	<b>2141 0071</b>
	Ø 41 mm	1,000 mm	Rotor	<b>2141 0100</b>
			Impeller	<b>2141 0101</b>
	Ø 41 mm	1,200 mm	Rotor	<b>2141 0120</b>
			Impeller	<b>2141 0121</b>
	Ø 41 mm	1,500 mm	Rotor	<b>2141 0150</b>
			Impeller	<b>2141 0151</b>
	Ø 41 mm	1,800 mm	Rotor	<b>2141 0180</b>
			Impeller	<b>2141 0181</b>

**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.