

# Material Specification

Declaration of Compliance with the Order EN 10204-2.1

## Conducell UPW Sensors

Ref 243578, 243579, 243640

Hamilton Bonaduz AG, Bonaduz, Switzerland

hereby declares that the wetted parts fulfill the following material specifications:

Wetted Parts	Material	Regulatory/Specification
Sensor shaft / Electrodes	Stainless steel 1.4435	$R_a < 0.4 \mu\text{m}$ (N5, electropolished)
Insulation	PEEK	FDA 21 CFR 177.2415 EU 1935/2004, EU 10/2011 USP <88> class VI (121 °C) $R_a < 0.5 \mu\text{m}$
O-ring(s)	EPDM (243578)	FDA 21 CFR 177.2600 EU 1935/2004 EN ISO 10993-5 USP <87> USP <88> class VI (121 °C)
	EPDM (243579, 2436340)	FDA 21 CFR 177.2600 EU 1935/2004 USP <88> class VI (121 °C)

Hamilton Bonaduz AG



Dr. Clara Caminada  
Vice President Process Analytics



Peter Pianegonda  
Quality Manager Process Analytics

Bonaduz, 2021 – 08-12

REF 695178/04

**HAMILTON** 

Web: [www.hamiltoncompany.com](http://www.hamiltoncompany.com)  
USA: 800-648-5950  
Europe: +41-58-610-10-10

**Hamilton Americas & Pacific Rim**  
4970 Energy Way  
Reno, Nevada 89502 USA  
Tel: +1-775-858-3000  
Fax: +1-775-856-7259  
[sales@hamiltoncompany.com](mailto:sales@hamiltoncompany.com)

**Hamilton Europe, Asia & Africa**  
Via Crusch 8  
CH-7402 Bonaduz, Switzerland  
Tel: +41-58-610-10-10  
[contact.pa.ch@hamilton.ch](mailto:contact.pa.ch@hamilton.ch)