

Versa-Matic SOLUTIONS

Versa-Matic® Pumps

**ATEX**

# **VERSA-MATIC®**

## **ATEX Compliant Diaphragm Pumps**

- Chemical Transfer
- Mine Dewatering
- Food Processing
- Metal Finishing
- Ship Cleaning

[www.norditec.no](http://www.norditec.no)



### **Safety:**

ATEX compliant for safe use in potentially explosive environments

### **Broad Material Range:**

ATEX models available in an extensive range of metallic and non-metallic conductive materials to handle virtually any medium safely

### **Multiple Pump Configurations:**


Both leak-free bolted and clamp designs available



# ATEX Compliant Diaphragm Pumps

Know the Importance & Recognize the Components

## WHAT IS ATEX?

ATEX  (*Atmosphères Explosibles*)

is an acronym for the standard set by the European Parliament & Council of the European Union, recognized throughout the European Community as the safety standard for equipment used in potentially hazardous environments.

### Why specify ATEX Compliant Pumps? Guaranteed Spark Free Safe Operation.

**FACT:** Flammable gasses, vapors, mist, and dust as small as .03mm are explosive safety concerns when oxygen (air) is present and ignited. Products marked with the EX hexagon symbol followed by the Group and Category of safety protection indicates that the products are compliant with Directive 94/9/EC, according to Annex VIII.

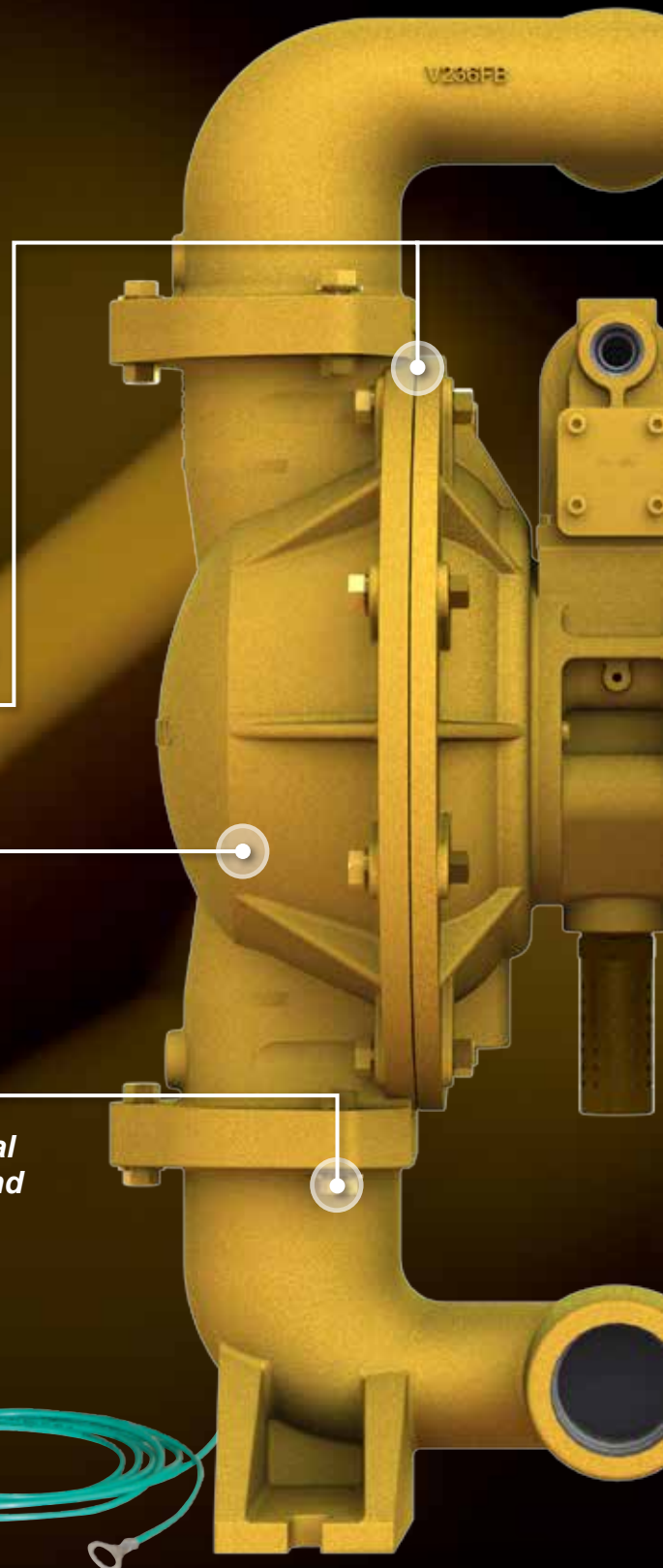
### Recognize the Components of ATEX Compliant Pumps.

## CONDUCTIVE (ATEX COMPLIANT)

- **\*Non-Wetted Conductive Materials:**
  - Conductive Acetal • Aluminum
  - Conductive Polypropylene • Stainless Steel
- **Wetted Conductive Materials:**
  - Conductive Acetal • Aluminum • Cast Iron • Alloy C
  - Conductive Polypropylene • Stainless Steel

## ATEX SAFETY BENEFITS

- Fully groundable
- No isolated metallic hardware components
- Electrostatic discharges are dissipated in a continual current path throughout the pump to a natural ground
- Electrically conductive materials of construction
- ATEX Compliant means **SAFE** for use of equipment in potentially explosive environments, Zone 1 (gases) and Zone 21 (dusts), Gas Group IIB



NOTE: \*See materials chart on back page for specific model details or consult the factory. (Grounding Strap sold separately - PN: 920.025.000)

## Versa-Matic self-declares compliance with the safety requirements according to Annex VIII of EU Directive 94/9/EC.

- Equipment intended for use in potentially explosive atmospheres

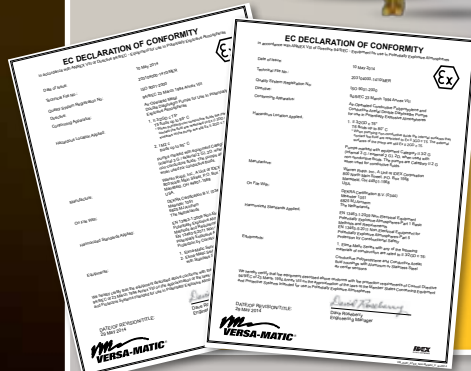
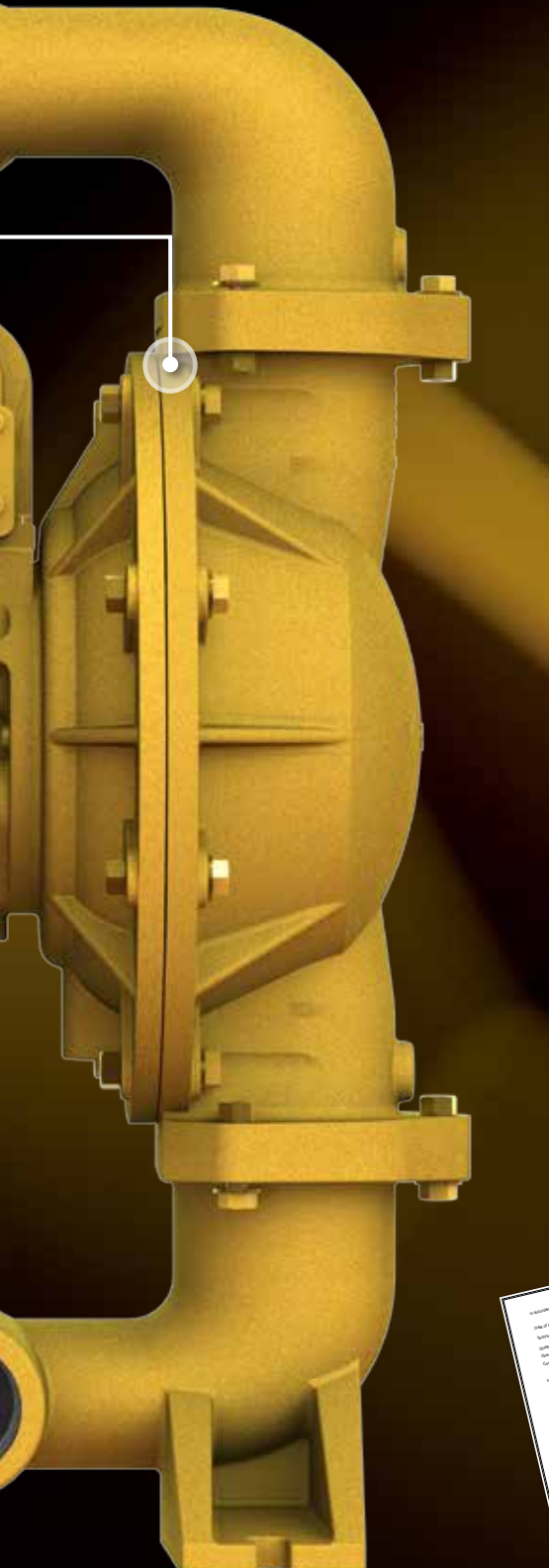
This safety compliance includes:

- Filing a Technical Risk Assessment with a notified body. Versa-Matic files with DEKRA Certification B.V. Notified Body NO. 0344, The Netherlands Reference Number 203104000-1410/MER.

Requirements for compliance include, but are not limited to:

- Accompanying all equipment and protective systems with instructions
- Analysis of hazards arising from different ignition sources
- Due analysis of equipment and protective systems
- Marking all equipment and protective systems
- Precise selection of electrically conductive materials
- Filing a Declaration of Conformity with the notified body
- Including the ATEX Declaration of Conformity with the packaging and shipment of every Versa-Matic ATEX Compliant pump

Versa-matic's self-declared use of the ATEX mark and the documentation we provide is our published guarantee of compliance with the requirements of the directive and the safety of our products.



I M2 c  
II 3/2 GD c T5-Metallic  
II 3/2 GD c T6-Non-Metallic

Versa-Matic® Metallic and Non-Metallic Pumps fully comply with ATEX requirements.

# Versa-Matic delivers the safety of ATEX Compliance, in the pump styles and materials the world demands.



SIZE	MODELS	MAX FLOW	Metallic Materials			
			AL	CI	SS	H
<b>Clamped Metallic Pumps</b>						
1½"	E4	71 gpm (268 lpm)	⊕	⊕	⊕	⊕
2"	E2	185 gpm (700 lpm)	⊕	⊕	⊕	⊕
3"	E3	234 gpm (886 lpm)	⊕	⊕	⊕	⊕
<b>Bolted Metallic Pumps</b>						
½"a	E5	12 gpm (45 lpm)	⊕		⊕	⊕
¾"	E7	12 gpm (45 lpm)	⊕			
1"	E1	49 gpm (185 lpm)	⊕		⊕	⊕
1½"	E4	72 gpm (273 lpm)			⊕	⊕
1½"	E40	123 gpm (466 lpm)	⊕	⊕	⊕	
2"	E2	160 gpm (606 lpm)	⊕	⊕	⊕	⊕
3"	E3	273 gpm (1,033 lpm)	⊕		⊕	⊕
<b>FDA Food Processing Pumps</b>						
½"	E5	12 gpm (45 lpm)			⊕	
1"	E1	49 gpm (181 lpm)			⊕	
1½"	E4	71 gpm (268 lpm)			⊕	⊕
2"	E2	185 gpm (700 lpm)			⊕	⊕
3"	E3	234 gpm (886 lpm)			⊕	⊕
<b>Sanitary Pumps</b>						
1½"	E4	86 gpm (326 lpm)			⊕	
2"	E2	180 gpm (681 lpm)			⊕	
<b>Flap Valve Pumps</b>						
2"	E2	219 gpm (829 lpm)	⊕			
<b>High Pressure Pumps (2:1)</b>						
1"	N25	30 gpm (114 lpm)	⊕		⊕	
2"	N50	90 gpm (341 lpm)	⊕		⊕	
2"	E2	69 gpm (261 lpm)			⊕	
<b>Non-Metallic Pumps</b>			<b>Non-Metallic Materials</b>			
			CP	P	K	G
¼"	E6	4 gpm (15 lpm)				⊕
½"	E5	11 gpm (42 lpm)	⊕			⊕
1"	E1	45 gpm (170 lpm)	⊕			
1½"	E4	72 gpm (273 lpm)	⊕			

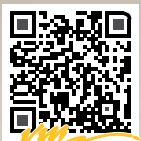
Dimensionally interchangeable with Wilden® Metallic clamp style pumps.

**ATEX COMPLIANT**  
 I M2 c  
 II 3/2 GD c T5-Metallic  
 II 3/2 GD c T6-Non-Metallic



AL = Aluminum  
 CI = Cast Iron  
 SS = Stainless Steel  
 H = Alloy C  
 CP = Conductive Polypropylene  
 P = Polypropylene  
 K = PVDF  
 G = Conductive Acetal

Wilden® is a registered trade name of Wilden Pump and Engineering Company, a Dover Resources Company.



**IBEX**  
 FLUID & METERING

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