

# TUDERTECHNICA

TUBIGOMMA DEREGIBUS S.R.L.  
Società unipersonale

Via E. Mattei n° 1 - 35030 Saccolongo (PD) Italia  
Tel. +39-049-8016155 Fax. +39-049-8015834  
[http: www.tudertechnica.com](http://www.tudertechnica.com)



## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **GLIDETECH PTFE BIOTECH**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "GLIDETECH PTFE BIOTECH" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXII class VI, ISO 10993/2009 sect. 5,10,11

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

Quality Assurance

Saccolongo, 2017-08-04

**Tubo tipo**  
 spirale (SD)     tela (D)

<b>O.P.:</b>	46141		
<b>HOSE:</b>	GLIDETECH PTFE BIOTECH 25x37		
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                      0±8%	Ok
		type SD                      0±10%	
Twisting	EN ISO 1402	At -0,8 bar: type SD                      -2%	/
		At test pressure: max 8°/m	
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK

**TEST RESULTS**

**OK**     **KO**

**Date: 2017-07-10**

**SIGNATURE:** 

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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE BIOTECH**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE BIOTECH" hoses meets

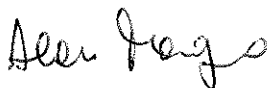
- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXII class VI, ISO 10993/2009 sect. 5,10,11

Please refer to our data sheet for hose area of application and technical information.

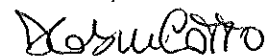
Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department



Quality Assurance



Saccolongo, 2017-08-04

**Tubo tipo**  
 spirale (SD)     tela (D)

**O.P.:** 46137

**HOSE:** TUFLUOR PTFE BIOTECH 25x37

TEST	Method	Acceptance criteria	Test results
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                      0±8% type SD                     0±10%	Ok
		At -0,8 bar: type SD                     -2%	/
Twisting	EN ISO 1402	At test pressure: max 8° / m	Ok
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK

**TEST RESULTS**
 **OK**     **KO**
**Date:** 2017-07-11

**SIGNATURE:** 

# TUDERTECHNICA

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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE PHARMACHEM**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE PHARMACHEM" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXII class VI, ISO 10993/2009 sect. 5,10,11

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

Quality Assurance

Saccolongo, 2017-08-04

<b>Tubo tipo</b> <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)			
<b>O.P.:</b>		46138	
<b>HOSE:</b>		TUFLUOR PTFE PHARMACHEM 25x37	
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                      0÷8%	Ok
		type SD                      0÷10%	
Twisting	EN ISO 1402	At -0,8 bar: type SD                      -2%	/
		At test pressure: max 8°/m	Ok
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK

**TEST RESULTS**
 **OK**     **KO**
**Date: 2017-07-10**
**SIGNATURE:** *DC*

# TUDERTECHNICA

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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE CHEM FULL COND**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE CHEM FULL COND" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXII class VI, ISO 10993/2009 sect. 5,10,11

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

Quality Assurance

Saccolongo, 2017-08-04

<b>TUDERTECHNICA</b>	<b>SISTEMA QUALITA' AZIENDALE CONTROLLO PRODOTTI</b>	<b>IQ 8.2-04 All. 2</b>
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<b>Tubo tipo</b> <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)			
<b>O.P.:</b>	46144		
<b>HOSE:</b>	TUFLUOR PTFE CHEM FULL COND 25x37		
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                    0÷8%	Ok
		type SD                    0÷10%	
		At -0,8 bar: type SD                    -2%	/
Twisting	EN ISO 1402	At test pressure: max 8°/m	Ok
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK

**TEST RESULTS**

**OK**     **KO**

**Date: 2017-07-10**

**SIGNATURE:** 



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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE CHEM FULL COND FORM**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE CHEM FULL COND FORM" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXII class VI, ISO 10993/2009 sect. 5,10,11

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

*Alessandro Marzotto*

Quality Assurance

*Roberto*

<b>TUDERTECHNICA</b>		<b>SISTEMA QUALITA' AZIENDALE CONTROLLO PRODOTTI</b>		<b>IQ 8.2-04 All. 2</b>
<b>Tubo tipo</b> <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)				
<b>O.P.:</b>	46145			
<b>HOSE:</b>	TUFLUOR PTFE CHEM FULL COND FORM 25x37			
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>	
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok	
Elongation	EN ISO 1402	At test pressure: type D                      0÷8%	Ok	
		type SD                      0÷10%		
		At -0,8 bar: type SD                      -2%	/	
Twisting	EN ISO 1402	At test pressure: max 8°/m	Ok	
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK	

**TEST RESULTS**

**OK**     **KO**

**Date: 2017-07-10**

**SIGNATURE:** 

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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE CHEM**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE CHEM" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXVI class VI, ISO 10993/2009 sect. 5,10,11
- 3A Sanitary Standard Class II.

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

Quality Assurance

Tubo tipo <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)			
<b>O.P.:</b>	46140		
<b>HOSE:</b>	<b>TUFLUOR PTFE CHEM 25x37</b>		
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                      0±8%	Ok
		type SD                      0±10%	
Twisting	EN ISO 1402	At -0,8 bar: type SD                      -2%	/
		At test pressure: max 8°/m	Ok
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK

**TEST RESULTS**

**OK**     **KO**

**Date: 2017-07-20**

**SIGNATURE:**

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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE CHEM FORM**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE CHEM FORM" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXVI class VI, ISO 10993/2009 sect. 5,10,11
- 3A Sanitary Standard Class II.

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

*Alessandro*

Quality Assurance

*Roberto*

<b>TUDERTECHNICA</b>		<b>SISTEMA QUALITA' AZIENDALE CONTROLLO PRODOTTI</b>		<b>IQ 8.2-04 All. 2</b>
<b>Tubo tipo</b> <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)				
<b>O.P.:</b>	46139			
<b>HOSE:</b>	TUFLUOR PTFE CHEM FORM 25x37			
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>	
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok	
Elongation	EN ISO 1402	At test pressure: type D                      0÷8%	Ok	
		type SD                      0÷10%		
		At -0,8 bar: type SD                      -2%	/	
Twisting	EN ISO 1402	At test pressure: max 8°/m	Ok	
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	OK	

**TEST RESULTS**

**OK**     **KO**

**Date: 2017-07-20**

**SIGNATURE:** 

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## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE PHARM**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the hoses above mentioned are designed according to EN 12115 standard and that the PTFE used in the production of the lining of "TUFLUOR™ PTFE PHARM" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXVI class VI, ISO 10993/2009 sect. 5,10,11
- 3A Sanitary Standard Class II.

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

Quality Assurance

Saccolongo, 2017-08-04

<b>Tubo tipo</b> <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)			
<b>O.P.:</b>		46143	
<b>HOSE:</b>		TUFLUOR PTFE PHARM 25x37	
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                      0±8%	Ok
		type SD                      0±10%	
Twisting	EN ISO 1402	At -0,8 bar: type SD                      -2%	/
		At test pressure: max 8°/m	Ok
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	/

**TEST RESULTS**
 **OK**     **KO**
**Date: 2017-07-20**
**SIGNATURE:** 



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<http://www.tudertechnica.com>



## **CERTIFICATE OF CONFORMITY**

Hereby we certify that the hoses type:

### **TUFLUOR™ PTFE SIL**

are manufactured by our company according to the procedures of Quality Assurance System certified ISO 9001:2008.

Moreover we confirm that the PTFE used in the production of the lining of "TUFLUOR™ PTFE SIL" hoses meets

- FDA 21 CFR 177.1550
- CE 1907/2006 (REACH)
- CE 10/2011
- CE 1935/2004
- USP XXXVI class VI, ISO 10993/2009 sect. 5,10,11
- 3A Sanitary Standard Class II.

Please refer to our data sheet for hose area of application and technical information.

Test reports of the hoses ref. invoice V3 236 dated 31/07/17 attached.

Best regards

Technical Department

Quality Assurance

Saccolongo, 2017-08-04

<b>Tubo tipo</b> <input checked="" type="checkbox"/> spirale (SD) <input type="checkbox"/> tela (D)			
<b>O.P.:</b>		46142	
<b>HOSE:</b>		TUFLUOR PTFE SIL 25x36	
<b>TEST</b>	<b>Method</b>	<b>Acceptance criteria</b>	<b>Test results</b>
Pressure test	EN ISO 1402	No leak at 1,5x working pressure	Ok
Elongation	EN ISO 1402	At test pressure: type D                      0+8%	Ok
		type SD                      0+10%	
Twisting	EN ISO 1402	At -0,8 bar: type SD                      -2%	/
		At test pressure: max 8°/m	Ok
Electrical properties	EN ISO 8031:2009 clause 4	<10 <sup>2</sup> Ω    type M <10 <sup>6</sup> Ω    type Ω	/

**TEST RESULTS**
 **OK**     **KO**
**Date: 2017-07-21**
**SIGNATURE:**
