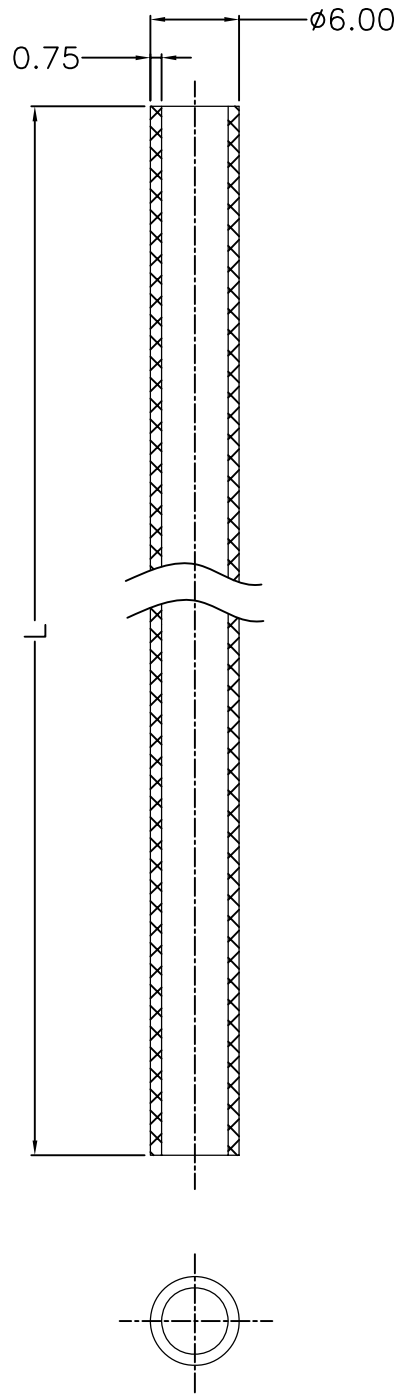




ST4012 28/410

REVISION RECORD		
REV	DESCRIPTION	DESIGN

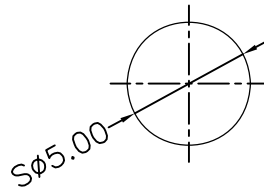


				设计/Design: RenYangJie 06.09.13		TIRRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	Dip tube 图号/DRAWING NO. TR101/016 系列号/PART NO. TR101	
1-4		±0.05	±0.10	±0.20	批准/Approval:		
4-16		±0.07	±0.20	±0.50	材料/Material: LDPE/TN26	REV: A	
16-63		±0.10	±0.30	±0.70	重量/Weight: 10.86g/M	SIZE: A4	
63-250		±0.20	±0.50	±1.20	数量/Qt'y: 1	SHEET: 1/1	
250-1000		±0.30	±0.80	±2.00			

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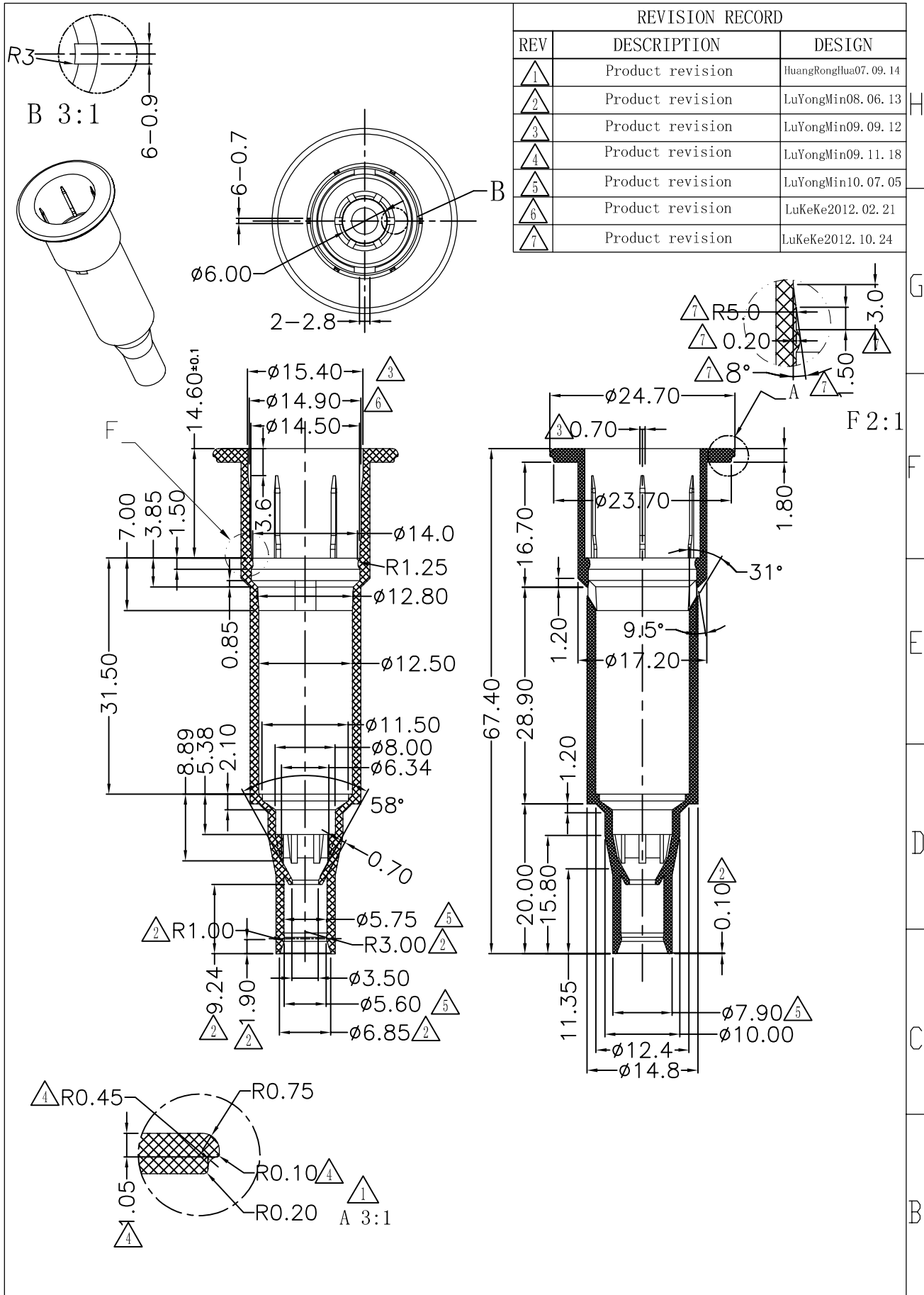
REVISION RECORD		
REV	DESCRIPTION	DESIGN



				设计/Design: GuoSheng 06.08.16		TIRRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	Ball valve SCALE: REV: A	
1-4		±0.05	±0.10	±0.20	批准/Approval:		
4-16		±0.07	±0.20	±0.50	材料/Material: GLASS	图号/DRAWING NO. TR401/016 系列号/PART NO. TR401	
16-63		±0.10	±0.30	±0.70	重量/Weight: 0.16g		
63-250		±0.20	±0.50	±1.20	数量/Qt'y: 1	SHEET: 1/1	
250-1000		±0.30	±0.80	±2.00			

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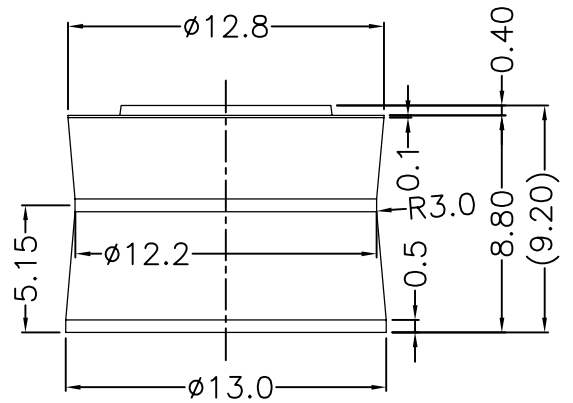
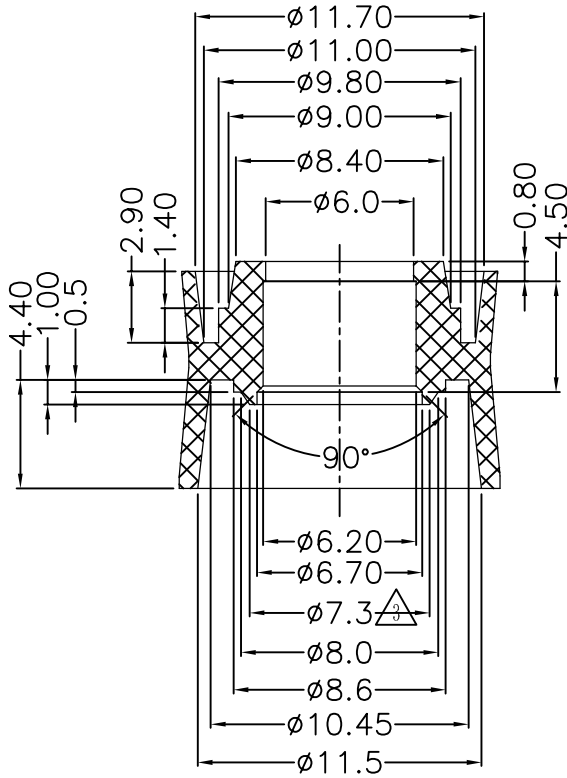
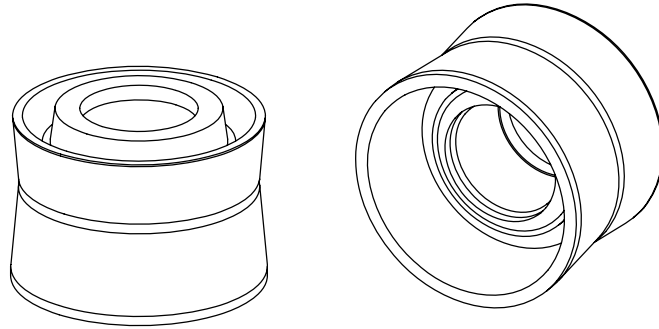
REVISION RECORD		
REV	DESCRIPTION	DESIGN
1	Product revision	HuangRongHua07.09.14
2	Product revision	LuYongMin08.06.13
3	Product revision	LuYongMin09.09.12
4	Product revision	LuYongMin09.11.18
5	Product revision	LuYongMin10.07.05
6	Product revision	LuKeKe2012.02.21
7	Product revision	LuKeKe2012.10.24

				设计/Design: GuoSheng 06.08.09	TIRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	Pump housing 图号/DRAWING NO. TR403/002 系列号/PART NO. TR403
1-4		±0.05	±0.10	±0.20	批准/Approval:	
4-16		±0.07	±0.20	±0.50	材料/Material: PP/HKR102	
16-63		±0.10	±0.30	±0.70	重量/Weight: 2.75g	
63-250		±0.20	±0.50	±1.20	数量/Qt'y:	
250-1000		±0.30	±0.80	±2.00		SCALE: 1/1

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REVISION RECORD

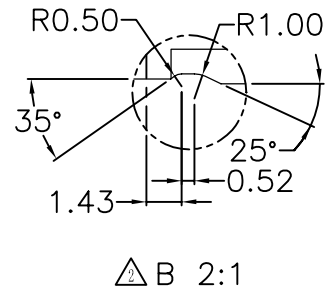
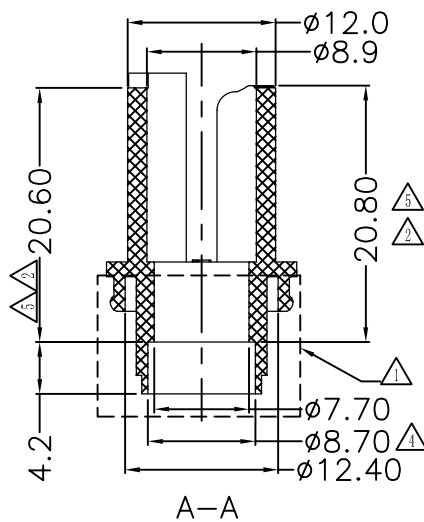
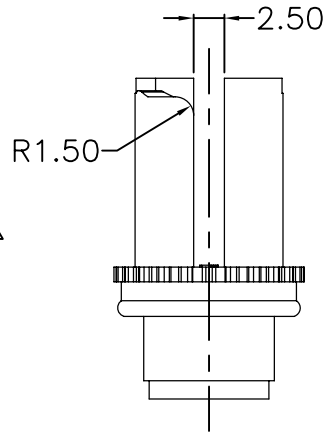
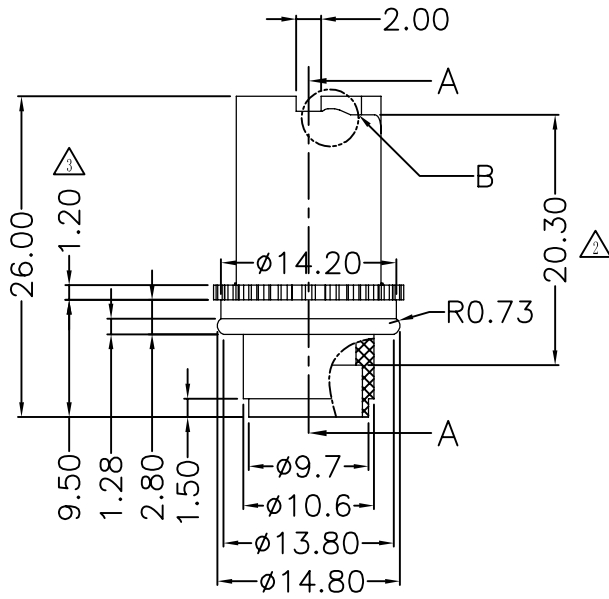
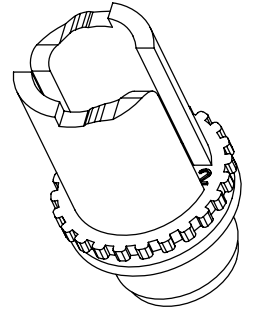
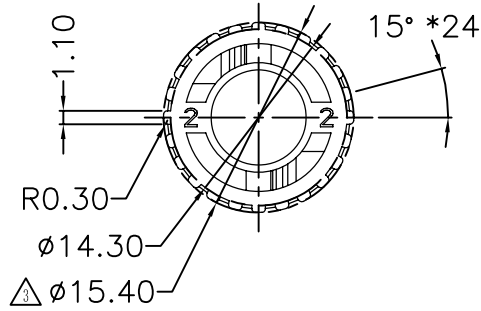
REV	DESCRIPTION	DESIGN
1	Product revision	HuangRonghua 2006.11.05
2	Material model number correct	LuYongMin 2011.06.04
3	Product revision	LuYongMin 2011.10.05



				设计/Design: HuangRonghua 06.06.21	TIRRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	Piston
1-4		±0.05	±0.10	±0.20	批准/Approval:	
4-16		±0.07	±0.20	±0.50	材料/Material: LLDPE/7042/2	SCALE:
16-63		±0.10	±0.30	±0.70	重量/Weight: 0.34g	REV: A
63-250		±0.20	±0.50	±1.20	数量/Qt'y:	图号/DRAWING NO. TR403/003
250-1000		±0.30	±0.80	±2.00		系列号/PART NO. TR403
						SHEET: 1/1

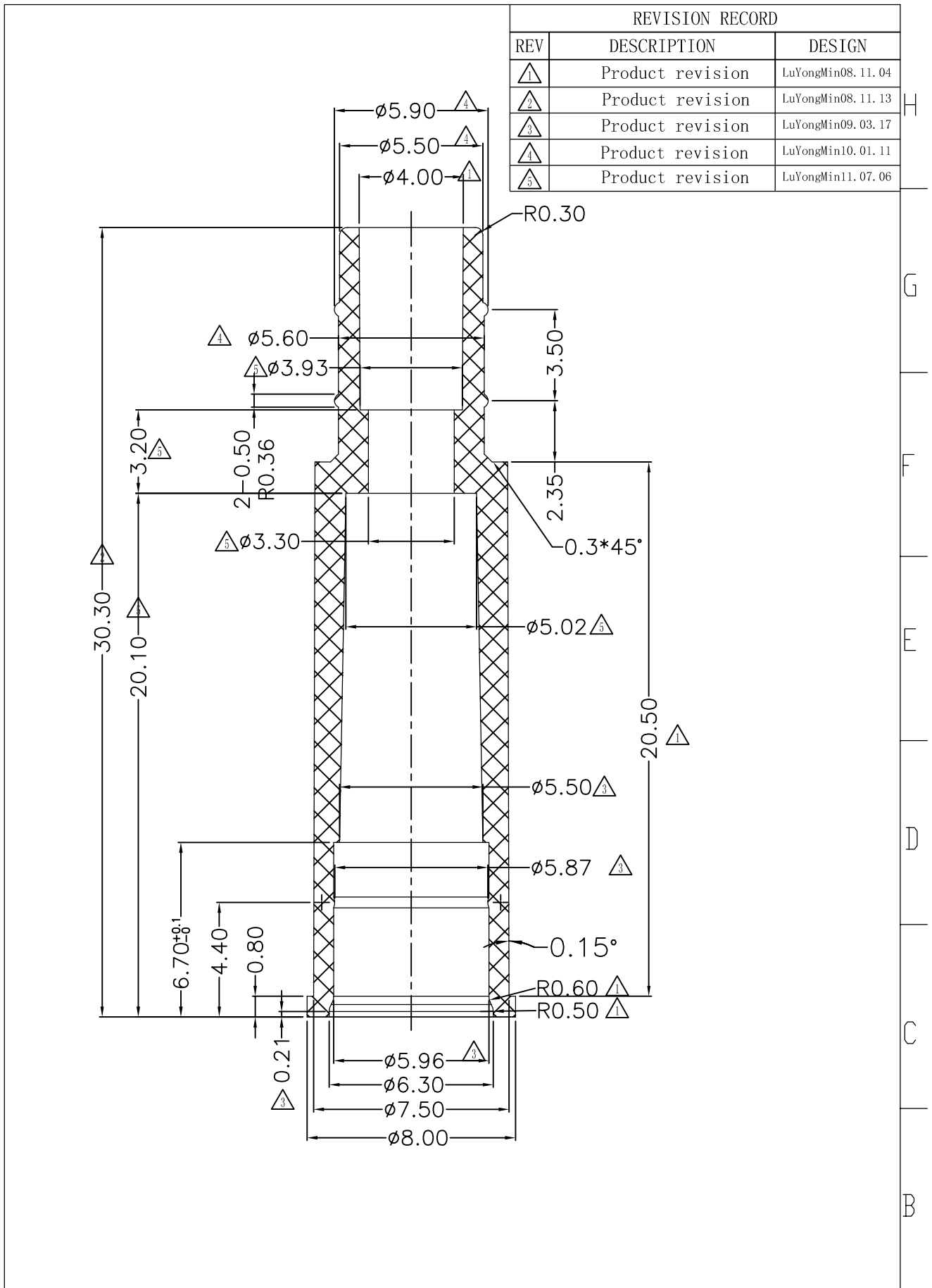
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REVISION RECORD		
REV	DESCRIPTION	DESIGN
△1	Product revision	HuangRonghua 2006.11.05
△2	Product revision	LuYongMin 2008.06.04
△3	Product revision	LuYongMin 2009.09.12
△4	Product revision	LuYongMin 2011.04.12
△5	Product revision	LuYongMin 2011.12.29



				设计/Design: GuoSheng 06.08.09	TIRRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	Connection cap 图号/DRAWING NO. TR403/005 系列号/PART NO. TR403
1-4		±0.05	±0.10	±0.20	批准/Approval:	
4-16		±0.07	±0.20	±0.50	材料/Material: PP/HKR102	
16-63		±0.10	±0.30	±0.70	重量/Weight: 1.04g	
63-250		±0.20	±0.50	±1.20	数量/Qt'y:	
250-1000		±0.30	±0.80	±2.00		SCALE: 1/1

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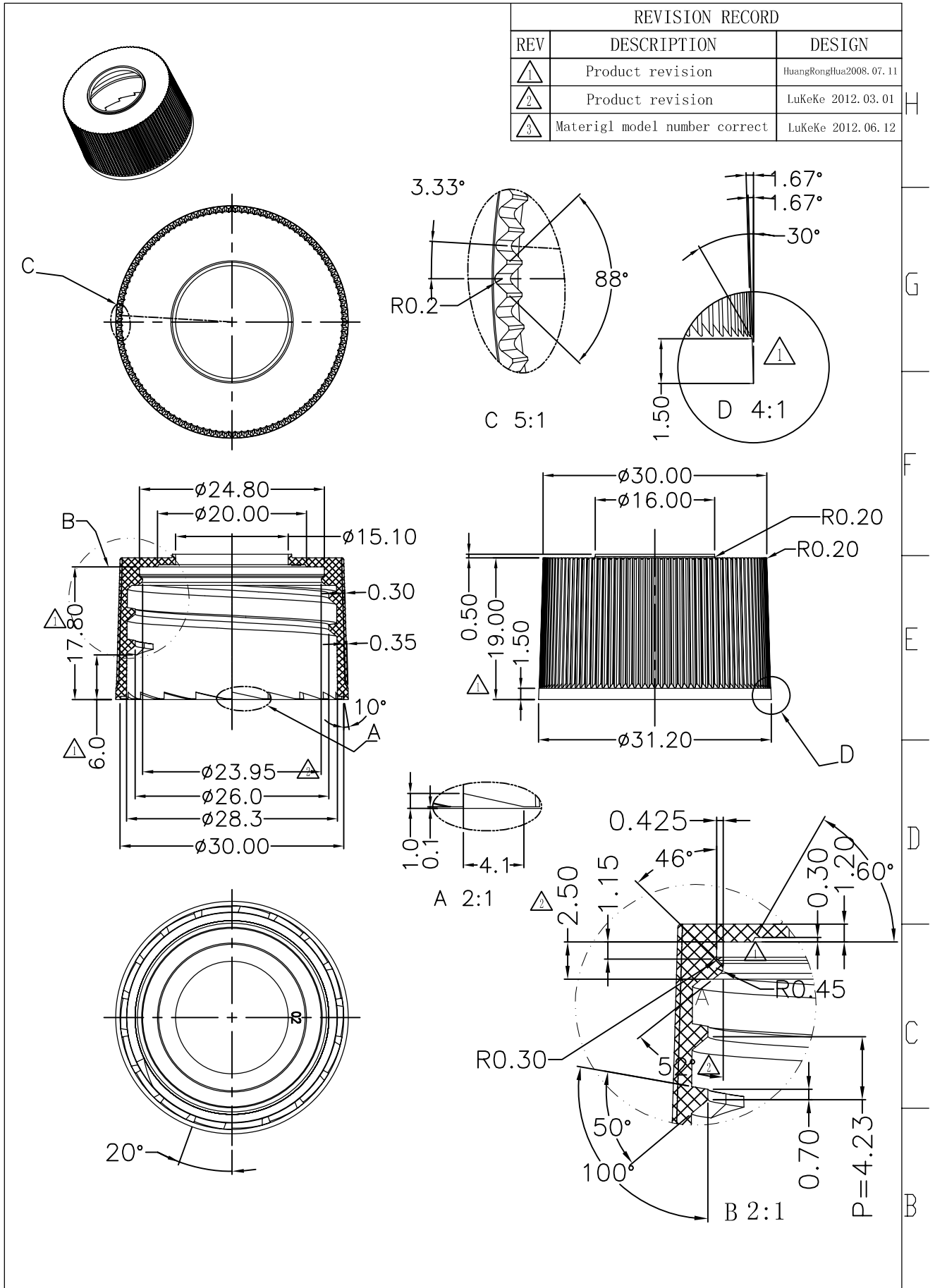
REVISION RECORD		
REV	DESCRIPTION	DESIGN
△1	Product revision	LuYongMin08.11.04
△2	Product revision	LuYongMin08.11.13
△3	Product revision	LuYongMin09.03.17
△4	Product revision	LuYongMin10.01.11
△5	Product revision	LuYongMin11.07.06

				设计/Design: GuoSheng 06.08.09	TIRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)		
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	<h1>Piston bar</h1>	SCALE:
1-4		±0.05	±0.10	±0.20	批准/Approval:		REV: A
4-16		±0.07	±0.20	±0.50	材料/Material: PP/HKR102		SIZE: A4
16-63		±0.10	±0.30	±0.70	重量/Weight: 0.5g		SHEET: 1/1
63-250		±0.20	±0.50	±1.20	数量/Qt'y:		
250-1000		±0.30	±0.80	±2.00			

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REVISION RECORD

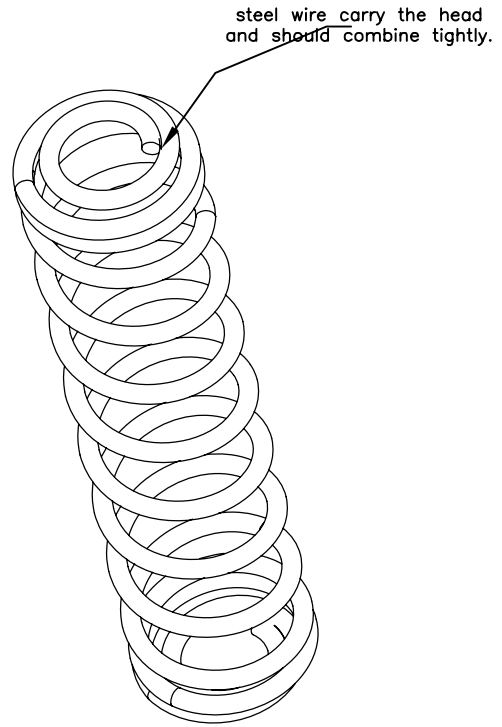
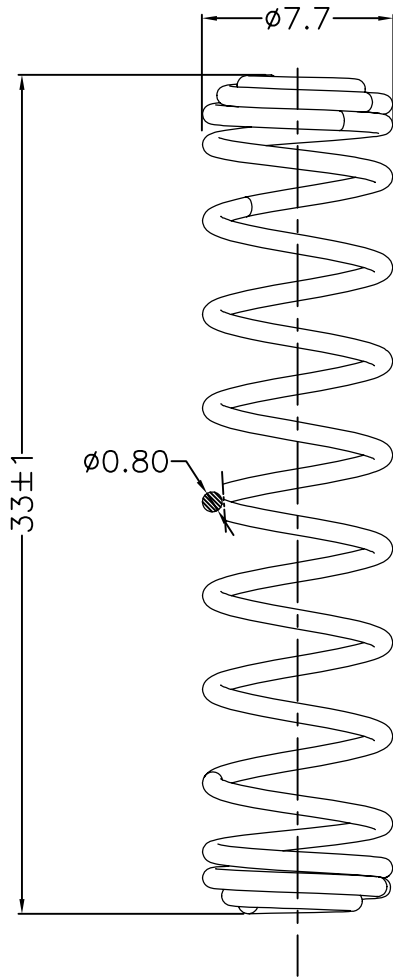
REV	DESCRIPTION	DESIGN
1	Product revision	HuangRonghua2008.07.11
2	Product revision	LuKeKe 2012.03.01
3	Material model number correct	LuKeKe 2012.06.12



		设计/Design: GuoSheng 06.08.14		TIRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:
1-4		±0.05	±0.10	±0.20	批准/Approval:
4-16		±0.07	±0.20	±0.50	材料/Material: PP/RE420MO ³
16-63		±0.10	±0.30	±0.70	重量/Weight: 2.98g
63-250		±0.20	±0.50	±1.20	数量/Qt'y:
250-1000		±0.30	±0.80	±2.00	图号/DRAWING NO. TR403/013
					系列号/PART NO. TR403
					SCALE:
					REV: A
					SIZE: A4
					SHEET: 1/1

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REVISION RECORD		
REV	DESCRIPTION	DESIGN



Technical requirements:
 Sphere of the total number of $N=12.5 \pm 0.5$
 The effective number of lap $N=8.5$

				设计/Design: GuoSheng 06.08.14	TIRIT CORPORATION Fax: +86 (574) 62760899 Tel: +86 (574) 62760888 CE14-15, Far East Industry Park, Yuyao, Zhejiang Province, (315400)	
尺寸划分MM	等级	细级	中级	粗级	审核/Examine:	<h1>Spring</h1>
1-4		± 0.05	± 0.10	± 0.20	批准/Approval:	
4-16		± 0.07	± 0.20	± 0.50	材料/Material: SUS304H	
16-63		± 0.10	± 0.30	± 0.70	重量/Weight: 1.11g	
63-250		± 0.20	± 0.50	± 1.20	数量/Qt'y: 1	
250-1000		± 0.30	± 0.80	± 2.00	图号/DRAWING NO. TR403/019	SCALE:
					系列号/PART NO. TR403	REV: B
						SIZE: A4
						SHEET: 1/1

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(ST4012)M28/410

1 samples: production on the 2012-12-30.

2 we tested our samples and they have been declared CONFORM for the following reasons:

NO	Method	TESTS	Quantity to test	CRITERIA	OUT OF THE NORM	Measured values
1	QAC-MC-082	Dip tube holding force	20	9.8N minimum	NONE	MINI: 24.0N MAXI:35N AVERAGE:28.3N
2	QAC-MC-069(spray) or QAC-MC-073(distribution)	Priming (number of strokes to prime)	50	5 strokes maximum	NONE	3 to 4 times
3	48 h rest after priming, bottles standing up at room temperature	No un-priming	50	Whole or part of the dose is expelled at the first stroke	NONE	All pumps primed when pressed at the first stroke
4	QAC-MC-068 (average of 10 doses for spray et dispensers)	Regularity of dosage (output).	50	All results at 1.4 ± 0.2 ML max from average value	NONE	MINI:1.34ML MAXI:1.45ML AVERAGE:1.40ML (Test liquid: Water)
5	QAC-MC-070 NB: <i>In some instances, if the leak test is not passed, a restricted approval can be granted for non transportable products (Which limits dramatically the usage possibilities)</i>	Vacuum leak test for pumps > or = 0.5ml, standard protocol.	50	1. No leak when not primed water, at 800mbar x 1mn . 2. No leak when primed and water, at 200mbar x 1mn .	NONE	1. No leak 2. No leak (Test liquid: Alcohol)
6	QAC-MC-067 measured at approximately 70% of total stroke ;	Functioning force.	8	All results at +/- 20% from average value.	NONE	MINI: 23.1N MAXI: 26.9N AVERAGE: 24.9N
7	Speed 317mm/min. same course as above ; Spray : alcohol dispenser < 0.5ml : with a cream dispenser > 0.5ml : with a shampoo	Functioning force when filled with alcohol.	8	Under 25Newton : always OK. Up to 40Newton : depending upon ergonomics of actuation.	NONE	MINI:34 N MAXI: 36N AVERAGE:35.4N (Test liquid:Alcohol)
8	QAC-MC-085	Test for rusting of springs and balls	20	As per method.	NONE	

3: results of our tests :

NO	TEST ITEMS	TEST METHOD	TEST RESULTS
1	Dip tube holding force(N)	Force meter measure the dip tube holding force	23.5 25.5 29.0 25.0 33.0 33.0 27.5 24.0 26.0 24.0 35.0 29.5 28.0 27.5 26.0 28.5 31.0 35.0 25.5 29.0 MINI:24.0N MAXI:35.0N AVERAGE:28.3N
2	Priming	Press acuator until it prime	3 to 4 times
3	No un-priming	48 h rest after priming, then press acuator until it prime	All pumps primed when press at the first time
4	Output (ml)	Try to press actuator until it prime, and press 10 times, balance the overall output on the lectronic scale, then working-out the output	1.42 1.45 1.42 1.38 1.38 1.41 1.40 1.43 1.38 1.42 1.38 1.43 1.43 1.39 1.36 1.42 1.39 1.41 1.38 1.40 1.37 1.37 1.39 1.39 1.36 1.41 1.41 1.43 1.37 1.39 1.42 1.41 1.40 1.38 1.45 1.34 1.42 1.43 1.39 1.40 1.38 1.40 1.40 1.41 1.41 1.42 1.42 1.42 1.37 1.40 MINI:1.34ML MAXI:1.45ML AVERAGE:1.40ML
5	Vacuum leak test for pumps	1. No leak when not primed water, at 800mbar x 1mm . 2. No leak when not primed and water, at 200mbar x 1mm .	No pumps leak
6	Functioning force(N)	press force meter approximately 70 % of total stroke of acuator, then read the munber of force Meter (5mm)	24.2N 25.5N 23.8N 25.1N 23.1N 25.0N 26.9N 25.6N MINI: 23.1N MAXI: 26.9N AVERAGE:24.9N
7	Functioning force when filled with alcohol(N)	press force meter with speed 317mm/min of total stroke of acuator, then read the munber of force Meter	34N 36N 35N 36.5N 35N 36N 36N 34.5N MINI: 34N MAXI: 36N AVERAGE:35.4N
8	Test for rusting of springs	keep 20pcs springs into 350g/l' brine, and put them into oven with 55°C for 24h	

Testers: lu
date:2012-12-30

ANNEXE 4

FEBEA - Juillet 2012 - Version EN

REGULATORY ATTESTATION FROM THE PACKAGING SUPPLIER relating to packaging items supplied to the company : [ST4012] Packaging in direct contact with the cosmetic product

PACKAGING SUPPLIER

Company name (packaging supplier)

YuYao Tirrit Co.,Ltd.

Address (packaging supplier)

CE14-15, Far East Industrial Park, Yuyao, Zhejiang Province, China

PACKAGING

Reference(s) relative to this certificate

-ST4012-281Z
-

NECESSARY INFORMATION FOR COMPLIANCE WITH THE REGULATORY REQUIREMENTS APPLICABLE TO COSMETIC PRODUCTS

A confidential agreement is signed, if necessary

Cosmetic Regulation on cosmetic product safety obligation, taking into account the relevant characteristics of the packaging in direct contact with the cosmetic formula and any other useful information for this specific purpose (Regulation n°1223/2009 - Annex I)

Packaging composition, purity, stability data (substance migration from the packaging)

Is it a multi-material packaging ?

Yes / No

Material(s) classification

For multi-materials, please indicate content from inside to outside

-LDPE, LLDPE, PP/HKR102, PP/RE420MO, SUS304H, PE, GLASS, HDPE

Chemical nature of the material (% to be given)

For multi-materials, please indicate from inside to outside layers

1, LDPE (9.6698%) 2, LLDPE(2.673%) 3, PP/HKR102(33.7264%) 4, PP/RE420MO(39.4654%) 5, SUS304H(8.7264%) 6, GLASS(1.2579%) 7, PE(1.022%) 8, HDPE(3.4591%)

Impurities present in the material, which are technically unavoidable

To be identified with the chemical name, CAS number ;
Concentration to be given

-
-
-

Technical substances (additives) used for the production of the packaging (colorant, antioxidant, UV filter, lubricant...)

To be identified with the chemical name, CAS number ;
Concentration to be given

-
-
-
-

Presence of substances listed in the annex II of the Cosmetic Regulation or classified as CMR 1A, 1B, 2 according to the Regulation n°1272/2008

Yes / No

If yes, identification of the substance and its concentration

All supporting elements to be indicated and enclosed

Additional information on the packaging that can be useful for the safety evaluator of the finished cosmetic product

The packaging material(s) complies with the composition requirement of :

All supporting elements to be indicated and enclosed

- the regulation on materials intended to come into contact with food

Yes / No

- the European Pharmacopoeia on recipients for pharmaceutical usage

Yes / No

- the toys safety regulation

Yes / No

Indicate the type of product(s) compatible with the packaging :

All supporting elements to be indicated and enclosed

- all types of products

Yes / No

- aqueous products

Yes / No

- fatty / oily products

Yes / No

- products with an acidic pH

Yes / No

- products with a basic pH

Yes / No

- alcoholic products

Yes / No

Migration data available

Yes / No - All supporting elements to be indicated and enclosed

ANNEXE 4

FEBEA - Juillet 2012 - Version EN

Packaging and packaging waste Regulation (Directive 94/62/EC)

-The above-named company (packaging supplier) certifies that the packaging complies with the Directive 94/62/EC as well as the heavy metals level: the total concentration levels of lead, cadmium, mercury and hexavalent chromium shall not exceed 100 ppm by weight in the packaging (any supporting documents on heavy metals to be sent)

-For glass packaging containing crystal or recycled materials, indicate the total concentration levels of cadmium, mercury, hexavalent chromium:

-

REACH Regulation (Regulation EC n°1907/2006)

- The above-named company (packaging supplier) certifies that the packaging is strictly in accordance with the REACH Regulation, and in particular complies with the restrictions included in annex XVII and with the authorisations/bans included in annex XIV, and commits to informing the recipient of this certificate (the customer) of any compliance gap in relation to REACH Regulation.

- The above-named company (packaging supplier) commits to conformy with the REACH regulation application to clearly and systematically communicate to the addressee of this certificate (the customer) the presence of substances of very high concern* (SVHC) which are included in the "candidate list" , exceeding more than 0.1%(weight/weight) in the packaging, taking into account in particular the evolutions of the 'candidate list'.

*http://echa.europa.eu/chem_data/candidate_list_table_en.asp

Presence of SVHC substances included in the "candidate list"

Yes / No

If yes, identification of the substance and its concentration

All supporting elements to be indicated and enclosed

CUSTOMER SPECIFIC REQUIREMENTS

- The above-named company (packaging supplier) certifies having knowledge of the specific requirements of the company [XXXX] (the customer) - **requirements specified in the document yyy** - and confirms that the indicated packaging conforms with these requirements.

- The above-named company (packaging supplier) certifies that the above information is exact.

- The above-named company (packaging supplier) commits to informing the recipient of this certificate of any change of quality of the packaging and of any change in its content.

- The addressee of this certificate (the customer) reserves the right to verify the accuracy of the information provided.

Drawn up in :

Company stamp :

余姚市特力喷雾器有限公司
YUYAO TIRRRIT CO., LTD.

Date :

Name :

Signature:

永世军

Function: