



Test Report

No.: GZHL1808037747HM

Date: Mar 01, 2019

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TROY LEE DESIGNS
155 E RINCON ST, CORONA CA 92879

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : PROTECTIVE GEAR FOR KNEE
Style / Item No. : 6400
Buyer : TLD
Manufacturer : LONG WAY
Country of Origin : CHINA
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Sep 06, 2018
Test Performing Date : Sep 06, 2018 to Feb 28, 2019
Test Result(s) :

Test Item/Test Protocol Performed	Result
Bicycle protective clothes Testing Protocol: PPETS0016	Pass

Signed for and on behalf of
Guangzhou Branch
SGS-CSTC Ltd.



Arthur Mak
Approved Signatory



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Test Conducted: Manufacturer Specification for Protective Clothes Subjected to Minor Impact

Test Results:

Test Property		Test Method	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
1		<u>REGULATORY REQUIREMENTS</u>		
1.1	AZO Dye (Applicable for Fabric, Polyester, Leather and Dye Material Only)	EN 14362-1 (general textiles) EN 14362-1 and EN 14362-2 (synthetics) ISO 17234 (leather)	Annex XVII, REACH ≤ 30 mg/kg each listed amine	Pass
1.2	Release of Nickel Applicable to metal articles in direct and prolong skin contact	Coated item EN 12472: 2005 and EN 1811:1998 + A1:2008 Non-coated item EN 1811:1998 + A1:2008	Annex XVII, REACH ≤ 0.5 µg /cm ² /week (Non-body piercing article) < 0.2 µg /cm ² /week (Body piercing article)	Pass
1.3	Chromium VI content (Applicable for leather)	ISO 13688 and ISO 17075	Chromium VI content in leather clothing shall not exceed 3 mg/kg according to ISO 17075	NA
1.4	PH value	Leather: ISO 4045 Other material: ISO 3071	the pH value of protective clothing material should be greater than 3,5 and less than 9,5	Pass
1.5	Color fastness to perspiration (for fabric)	ISO 105-E04	Shall be at least grade 3 to 4 of the Grey scale for the color change of the specimen.	Pass
1.6	Dimensional change due to cleaning	EN ISO 13688-2013 Clause 5.2 & 5.3	The cleaning shall be in accordance with the manufacturer's instructions, on the basis of standardized processes. If the number of cleaning cycles is not specified, five cleaning cycles shall be performed. This shall be reflected in the information supplied by the manufacturer. Manufacturers should typically indicate one or several of the various methods and processes of ISO 6330, ISO 15797, ISO 3175 (Parts 2 to 4) or equivalent standardized processes for cleaning. Measurement of dimensional change shall be carried out according to ISO 5077 and for dry cleaning in accordance with ISO 3175-1.	Pass



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			+/- 3% for woven +/- 5 for knitted	
2		<u>LABELING AND INSTRUCTION</u>		
2.1	Size designation	EN ISO 13688:2013 Clause 6	Protective clothing shall be marked with its size based on body dimensions measured in centimetres.	Pass
2.2	Marking	EN ISO 13688:2013 Clause 7 Directive 89/686/EEC	<p>7.1 General</p> <p>Each piece of protective clothing shall be marked.</p> <p>The marking shall be:</p> <ul style="list-style-type: none"> — in the official languages of the state of destination for informative wording (e.g. warning phrases); — on the product itself or on labels attached to the product; — affixed so as to be visible and legible; — durable to the appropriate number of cleaning processes. <p>The marking and the pictograms should be large enough to convey immediate understanding and to allow the use of readily legible numbers. The use of numbers not smaller than 2 mm and pictograms not smaller than 10 mm (including the frame) is recommended. Numbers and pictograms are recommended to be black on white background.</p> <p>Warning against mortal hazards should be on the outside of the product.</p> <p>7.2 Specific</p> <p>The marking shall include the following information:</p> <ul style="list-style-type: none"> a) Name, trademark or other means of identification of the manufacturer or his authorized representative; b) Designation of the product type, commercial name or code; c) Size designation according to Clause 6; d) Identification of the specific product standard; e) Pictograms and levels of performance; f) Care labelling and/or qualification labelling; g) CE marking 	Pass



2.3	Information supplied by the manufacturer	EN ISO 13688:2013 Clause 8	<p>Protective clothing shall be supplied to the customer with information written at least in the official language(s) of the state of destination. All information shall be unambiguous. The following information shall be given:</p> <p>a) All information required in 7.2 a), b), e), f), and g).</p> <p>b) Name and full address of the manufacturer and/or his authorized representative.</p> <p>NOTE An electronic or other address to which feedback on the product can be sent may be useful</p> <p>c) Number of the specific product standard and year of publication.</p> <p>d) Explanation of any pictograms and levels of performance.</p> <p>e) All main constituent materials of all layers of protective clothing.</p> <p>f) Instructions for use as appropriate for the specific standard</p> <p>— tests to be carried out by the wearer before use;</p> <p>— fitting; how to put on and take off;</p> <p>— instructions concerning appropriate use of the product to minimize the risk of injury;</p> <p>— limitations on use (e. g. temperature range);</p> <p>— instructions for storage and maintenance, with maximum periods between maintenance checks;</p> <p>— complete instructions for cleaning and/or decontamination (e.g. cleaning temperature, drying process, pH value, mechanical action, maximum number of cleaning cycles, cleaning products);</p> <p>— warnings against problems likely to be encountered, e.g. domestic washing of contaminated clothing, dangerous improper use;</p> <p>— details of additional items of protective clothing that need to be used to achieve the protection intended;</p> <p>— details of any significant ergonomic penalties of using the product such as a reduction of the field of vision, acuity of hearing or a risk of heat stress;</p> <p>— instructions on how to recognize ageing and loss of performance in the product, e.g. factors which may reduce the protection;</p> <p>— if helpful, illustrations, part numbers etc. shall be added;</p> <p>— instruction and training if required,</p>	Pass
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			<p>including the level of experience necessary for safe use of the protective clothing; — instructions concerning repair. Repairs should not impair the performance of the clothing. Instructions should advise, for instance, repair by suitably qualified companies, or a warning not to do it yourself. g) Reference to accessories and spare parts if relevant. h) Type of packaging suitable for transport if relevant. i) Instructions for recycling, safe destruction and disposal as relevant (e. g. mechanical disruption or incinerating the product).</p>	
3		CONSTRUCTION QUALITIES		
3.1	Workmanship	Visual Inspection	<p>Shall have no components missing, malformed or fractured; Shall have no hardware missing; Welds shall be smoothly ground and free of pits and splatter; Shall have no burrs or sharp edges on any component; Shall present proper and even adhesion; Components shall be even in color.</p>	Pass
4		PERFORMANCE TESTING		
4.1	Restrain System	<p>Ref to EN 1621-1:2012 Clause 5.1 or Ref to EN 1621-2:2014 Clause 4.1</p>	<p>If not inserted or incorporated into garments, the protectors shall be provided with means of restraint capable of ensuring that the protector is maintained in position during use.</p>	Pass
4.2	Resistance to Impact (for limb joint impact protector)	<p>Ref to EN 1621-1:2012 Clause 6.3 (Mod.)</p>	<p>When testing with the test method of EN 1621-1 clause 6.3, including ambient and wet conditions. The average peak force recorded below the anvil shall be below 35kN, and no single value shall exceed 50kN.</p> <p>Mod. =Impact energy: 25J ± 2J</p> <p>Note: Test area shall be according to clause 5.3 of EN 1621-1:2012 if applicable. However, if the actual protection area is not compatible as required by clause 5.3 for the design of the protector is not for motorcyclist, the test area can be minimized proportionally as actual state for junior protector and the minimum protective area shall be not less than 80% of the type A protector for junior used protector. For Junior type of elbow and knee protector, test with protective area as defined in EN 14120 for Range C product.</p>	NT



4.3	Resistance to Impact (for back and chest protector)	Ref to EN 1621-2:2014 Clause 5.1 (Mod.)	<p>When testing with the test method of EN 1621-2 clause 5.1, including ambient and wet conditions.</p> <p>The average peak force recorded below the anvil shall be below 18kN, and no single value shall exceed 24kN.</p> <p>Mod. =Impact energy: 25J ± 2J</p> <p>Note: Test area shall be according to clause 5.3 of EN 1621-2:2014 if applicable. However, if the actual protection area is not compatible as required by clause 4.3 for the design of the protector is not for motorcyclist, the test area can be minimized proportionally as actual state for junior protector and the minimum protective area shall be not less than 80% of the area defined by the standard for junior used protector.</p>	NA
4.4	Comfort assessment	Ref to EN ISO 13688-2013 Clause 4.4	<p>Protective clothing shall provide users with a level of comfort consistent with the level of protection required against the hazard which is present, the ambient conditions, the level of the user's activity, and the anticipated duration of use of the protective clothing.</p> <p>Protective clothing shall not</p> <ul style="list-style-type: none"> — have rough, sharp or hard surfaces that irritate or injure the user; — be so tight, loose and/or heavy so that it restricts normal movement (see Annex C). <p>Protective clothing that imposes significant ergonomic burdens such as heat stress, or is inherently uncomfortable because of the need to provide adequate protection, shall be accompanied in the information supplied by the manufacturer by specific advice or warnings. Specific advice on the appropriate duration for continuous use of the clothing in the intended application(s) shall be given.</p>	Pass
4.5	Abrasion resistance (for limb joint impact protector)	EN 14120-2003+A1-2007 clause 5.6 (mod.)	<p>The abrasion resistant layer of the protector shall not be perforated after test (moving belt method).</p> <p>Moving belt method</p> <p>Protectors shall be tested in an apparatus conforming to the principles described in EN 13595-2. The abrasive belt shall be of</p>	Pass



			<p>aluminium oxide of size OP 60 grit in accordance with ISO 6344-2. The canvas abrasion time of the belt measured according to EN 13595-2 shall be between 2,0 s and 3,0 s.</p> <p>The protector shall be securely mounted on a specimen holder with a cylindrical anvil (25 ± 2) mm in diameter with a hemispherical end that will press the protector against the belt with a force of (49 ± 2) N. Attachment of the protector may be achieved with heavy duty adhesive tape or by another means. Movement of the protector during abrasion shall be less 10 mm with respect to the specimen holder.</p> <p>The machine shall be controlled so that the belt speed is between 1 m/s and 2 m/s. The protector shall be allowed to fall onto the moving belt from a height of (5 ± 2) mm. Protectors shall be lifted off the belt after (16 ± 1) m of abrasion.</p> <p>Two protectors in each size shall be tested and examined for perforation of the abrasion resistant layer.</p> <p>Mod. = Expand scope to cover bicycle protective clothes limb joint protectors. Apply abrasion distance (16 ± 1) m only.</p>	
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Remark:

1. NA = Not applicable.
2. NT = Not tested as per client's request.



Annex 1. Colour Fastness To Perspiration

 SGS Ref No.: **SL918192825588TX**
Test Result:
Requirement
Colour Fastness To Perspiration

(ISO 105-E04:2013 test specimen in vertical position.)

Acid

	(A)	(B)	(C)	(D)	(E)	
Change in shade	4-5	4-5	4-5	4-5	4-5	Min.3-4
Staining on multi-fiber stripe						/
Acetate	4	4-5	4-5	4-5	4-5	
Cotton	4-5	4-5	4-5	4-5	4-5	
Nylon	4	4-5	4-5	4-5	4-5	
Polyester	4-5	4-5	4-5	4-5	4-5	
Acrylic	4-5	4-5	4-5	4-5	4-5	
Wool	4-5	4-5	4-5	4-5	4-5	

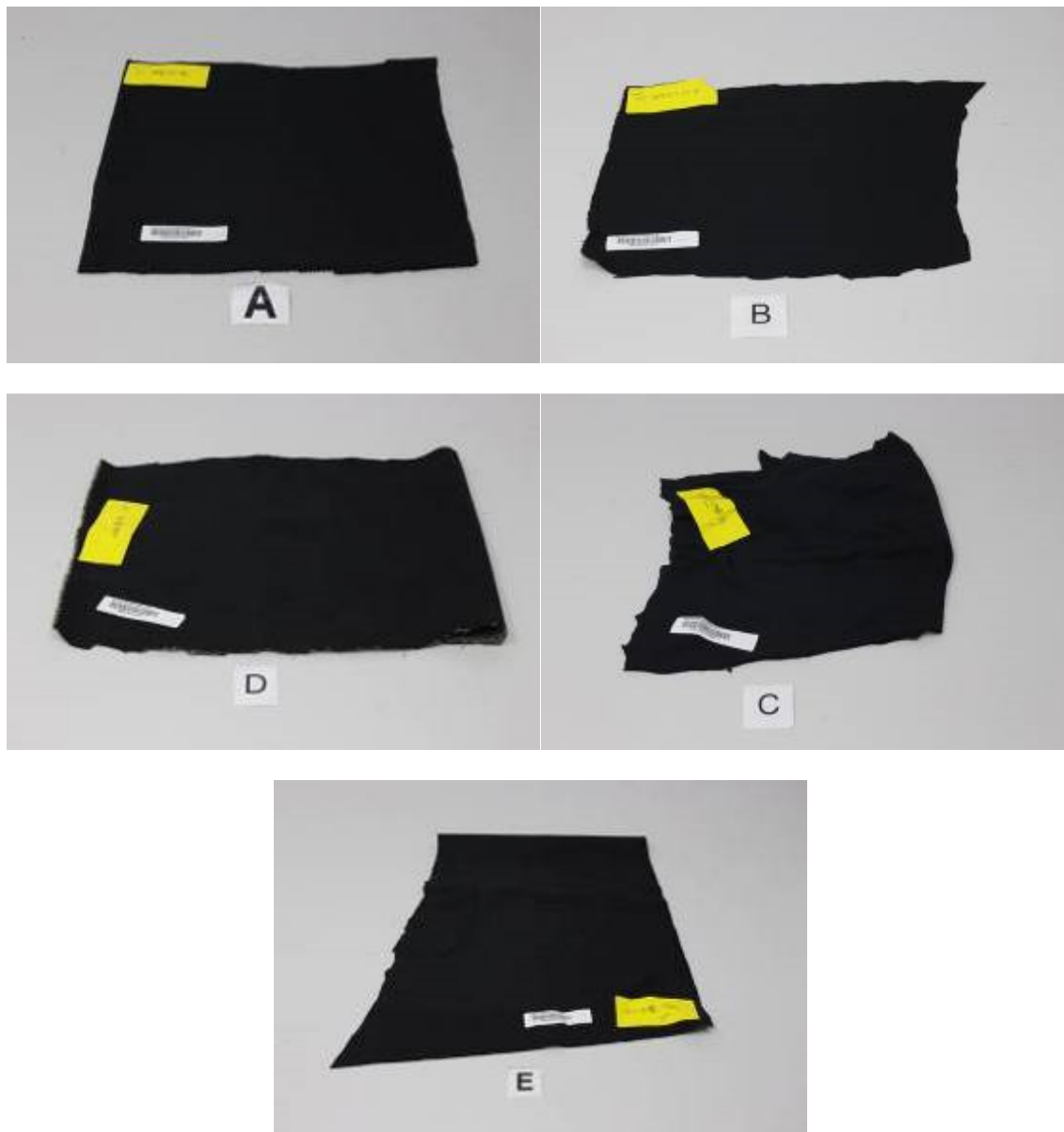
Alkaline

	(A)	(B)	(C)	(D)	(E)	
Change in shade	4-5	4-5	4-5	4-5	4-5	Min.3-4
Staining on multi-fiber stripe						/
Acetate	4	4-5	4-5	4-5	4-5	
Cotton	4-5	4-5	4-5	4-5	4-5	
Nylon	4	4	4	4-5	4-5	
Polyester	4-5	4-5	4-5	4-5	4-5	
Acrylic	4-5	4-5	4-5	4-5	4-5	
Wool	4-5	4-5	4-5	4-5	4-5	

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good



Sample Photo



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SGS Ref No.: SL918192827685TX

Test Result:

Requirement

Colour Fastness To Perspiration

(ISO 105-E04:2013; test specimen in vertical position.)

	(A)	(B)	
Acid			
Change in shade	4-5	4-5	Min.3-4
Staining on multi-fiber stripe			/
Acetate	4-5	4-5	
Cotton	4-5	4-5	
Nylon	4-5	4-5	
Polyester	4-5	4-5	
Acrylic	4-5	4-5	
Wool	4-5	4-5	
Alkaline			
Change in shade	4-5	4-5	Min.3-4
Staining on multi-fiber stripe			/
Acetate	4-5	4-5	
Cotton	4-5	4-5	
Nylon	4-5	4-5	
Polyester	4-5	4-5	
Acrylic	4-5	4-5	
Wool	4-5	4-5	

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Sample Photo



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Annex 2. Dimensional Stability To Washing

SGS Ref No.: SL918192609688TX

Test Result:

Requirement

Test Result:

Requirement

Dimensional Stability To Washing

(ISO 5077: 2007 / ISO 3759: 2011 / ISO 6330: 2012: Washing program No. Ref 4H; Using horizontal axis, front-loading type machine: Machine wash at 30 degree C with 2kg total dry mass (type III (100% polyester) ballast+ specimen) and 'ECE' (A) detergent+ Sodium perborate+ TAED, line dry.)

	Original (cm)	After 5 wash (cm)	Shrinkage (%)	
Lengthwise (%)	34.0	33.4	-1.8	+/-5%
Widthwise (%)	11.2	11.0	-1.8	

Remarks: (+) Means extension (-) Means shrinkage

Sample Photo



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Annex 3 SGS Ref No.: CAN18-204831; CAN18-209007

Test Requested	Result
Determination of pH Value in the submitted sample(s) with reference to Client's requirement.	PASS
Determination of Azodyes in the submitted sample(s) with reference to the Entry 43 of Commission Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2002/61/EC).	PASS

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-204831.001	Black mesh sheet(4#)
SN2	CAN18-204831.002	Black fabric(5#)
SN3	CAN18-204831.003	Black fabric(8#)
SN4	CAN18-204831.004	Black/yellow fabric(16#)
SN5	CAN18-204831.005	Black fabric(20#)
SN6	CAN18-209007.006	Black fabric
SN7	CAN18-209007.007	Dark gray fabric

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

pH value

Test Method : With reference to ISO 3071:2005, analysis was performed by pH meter.

Test Item(s)	Limit	001	002	003
pH value	3.5~9.5	6.8	6.7	6.4
Test Item(s)	Limit	004	005	
pH value	3.5~9.5	6.6	6.1	
Test Item(s)	Limit	006	007	
pH value	3.5~9.5	6.5	6.4	



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Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

Azo Dyes

A. Test Method : With reference to EN 14362-1 :2012 - Analysis was conducted with GC-MS/HPLC-DAD.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001	002	003
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND	ND
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND	ND
2-Amino-4-nitrotoluene							
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND	ND
/ 2,4-Diaminoanisole							
4,4'-diaminodiphenylmethane	101-77-9	30	mg/kg	5	ND	ND	ND
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND	ND
3,3'-Dimethyl-4,4'-diaminodiphe	838-88-0	30	mg/kg	5	ND	ND	ND
nylmethane /							
4,4'-methylenedi-o-toluidine							
p-cresidine	120-71-8	30	mg/kg	5	ND	ND	ND
4,4'-methylene-bis-	101-14-4	30	mg/kg	5	ND	ND	ND
(2-chloroaniline)							
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND	ND
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND	ND
2,4-Toluyldiamine							
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	004	005
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND



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中国·广州·经济技术开发区科学城珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Report

No.: GZHL1808037747HM

Date: Mar 01, 2019

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5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND
2-Amino-4-nitrotoluene						
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND
/ 2,4-Diaminoanisole						
4,4'-diaminodiphenylmethane	101-77-9	30	mg/kg	5	ND	ND
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
3,3'-Dimethyl-4,4'-diaminodiphe nylmethane /	838-88-0	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine						
p-cresidine	120-71-8	30	mg/kg	5	ND	ND
4,4'-methylene-bis- (2-chloroaniline)	101-14-4	30	mg/kg	5	ND	ND
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND
2,4-Toluyldiamine						
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND

Test Item(s)	CAS NO.	Limit	Unit	MDL	006	007
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND
2-Amino-4-nitrotoluene						
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND
/ 2,4-Diaminoanisole						
4,4'-diaminodiphenylmethane	101-77-9	30	mg/kg	5	ND	ND
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
3,3'-Dimethyl-4,4'-diaminodiphe nylmethane /	838-88-0	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine						
p-cresidine	120-71-8	30	mg/kg	5	ND	ND
4,4'-methylene-bis-	101-14-4	30	mg/kg	5	ND	ND



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Guangzhou Branch Testing Center Handlines

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Test Report

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(2-chloroaniline)						
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND
2,4-Toluyldiamine						
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND

Notes :

- (1) Test specimen was taken randomly from the sample submitted by client/applicant.
- (2) Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.
- (3) In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.
- (4) In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

Requirement : ≤ 30 mg/kg for each aromatic amine according to Requirement of Entry 43 of Regulation (C) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2002/61/EC).



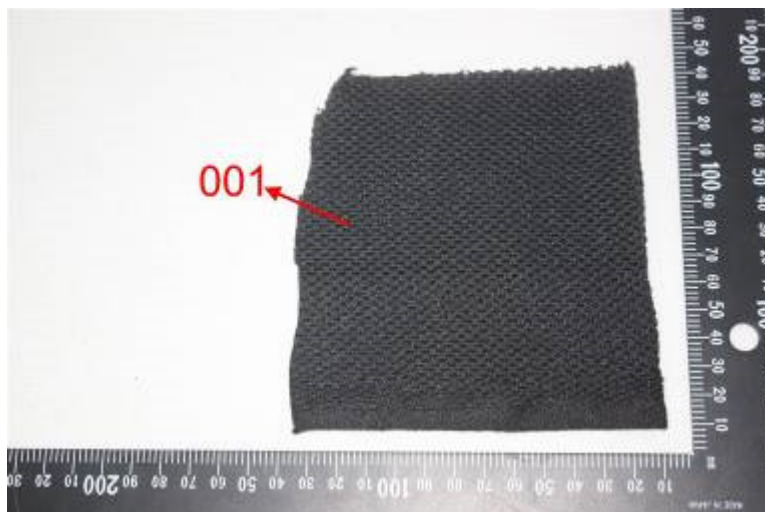
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Sample photo:

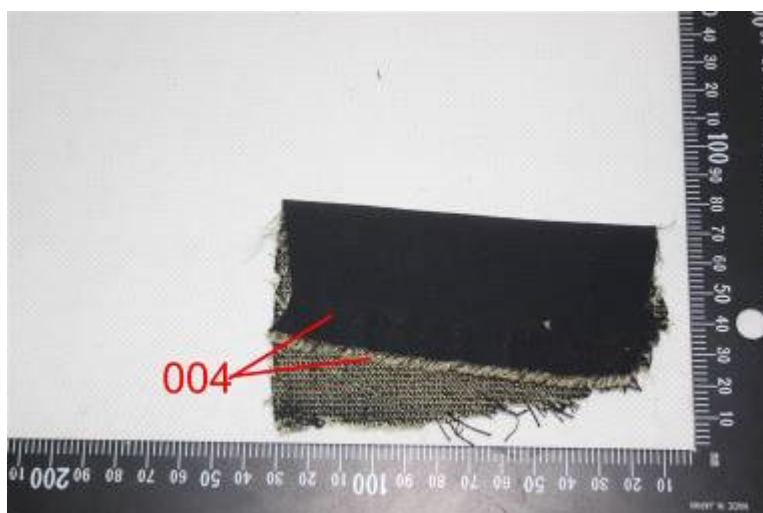


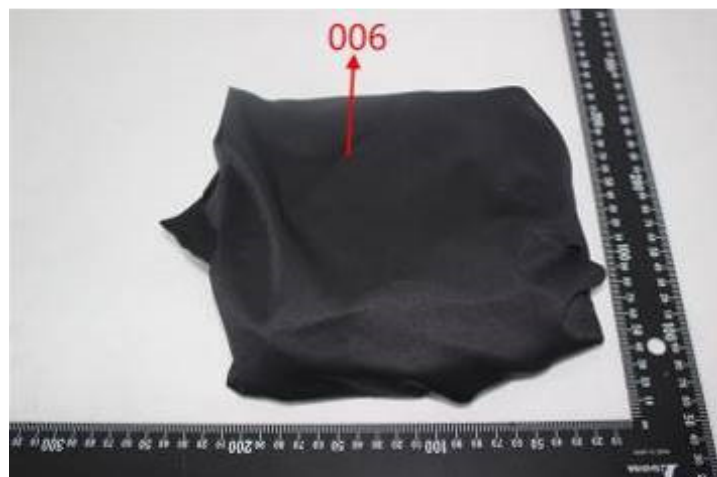
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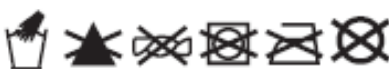







Sample Photo(s):

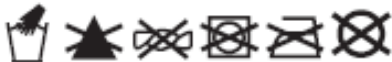


Label	<p>Troy Lee Designs 6400 KNEE BRACE X-SMALL</p> <p>47% STYRENE BUTADIENE 18% NYLON 14% ETHYLENE VINYL ACETATE 10% SPANDEX 5% POLYESTER RESIN 2% THERMOPLASTIC POLYURETHANE 2% SILICONE 2% RUBBER ----- 47% STYRENE DE BUTADIENE 18% NYLON 14% ÉTHYLÈNE-ACÉTATE DE VINYLE 10% SPANDEX 5% RÉSINE DE POLYESTER 2% POLYURÉTHANE THERMOPLASTIQUE 2% SILICONE 2% CAOUTCHOUC ----- 47% ESTIRENO BUTADIENO 18% NYLON 14% ETILVINILACETATO 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONA 2% CAUCHO ----- 47% ESTIRENO BUTADIENO 18% NYLON 14% ACETATO DE VINIL ETIL 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONE 2% BORRACHA ----- 47% STYROL-BUTADIENE 18% NYLON 14% ETHYLENVINYLACETAT 10% ELASTHAN 5% POLYESTER HARZ 2% THERMOPLASTISCHES POLYURETHAN 2% SILIKON 2% GUMMI</p> <p>SEE REVERSE FOR CARE INSTRUCTIONS</p>	 <p>HAND WASH ONLY. DO NOT DRY CLEAN OR BLEACH. DRIP DRY.</p> <p>LAVER À LA MAIN À L'EAU FROIDE NE PAS UTILISER DE JAVEL SUSPENDRE À SEC</p> <p>LAVADO A MANO CON AGUA FRÍA NO USE BLANQUEADOR SEQUE COLGANDO</p> <p>LAVAR À MANO COM ÁGUA FRIA NÃO USE LIXÍVIA PENDURE PARA SECAR</p> <p>HANDWÄSCHE NUR NICHT CHEMISCH REINIGEN ODER BLEICHEN TROCKENES HÄNGEN</p> <p>MADE IN CHINA FABRIQUE EN CHINA HECHO EN CHINA FABRICADO IN CHINA IN CHINA HERGESTELLT</p> <p>RN# 134405 CA 54513</p>
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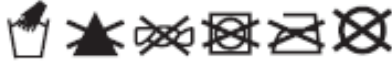


Label	<p>Troy Lee Designs 6400 KNEE BRACE SMALL</p> <p>47% STYRENE BUTADIENE 18% NYLON 14% ETHYLENE VINYL ACETATE 10% SPANDEX 5% POLYESTER RESIN 2% THERMOPLASTIC POLYURETHANE 2% SILICONE 2% RUBBER</p> <p>----- 47% STYRENE DE BUTADIENE 18% NYLON 14% ÉTHYLÈNE-ACÉTATE DE VINYLE 10% SPANDEX 5% RÉSINE DE POLYESTER 2% POLYURÉTHANE THERMOPLASTIQUE 2% SILICONE 2% CAOUTCHOUC</p> <p>----- 47% ESTIRENO BUTADIENO 18% NYLON 14% ETILVINILACETATO 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONA 2% CAUCHO</p> <p>----- 47% ESTIRENO BUTADIENO 18% NYLON 14% ACETATO DE VINIL ETIL 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONE 2% BORRACHA</p> <p>----- 47% STYROL-BUTADIENÉ 18% NYLON 14% ETHYLENVINYLAETAT 10% ELASTHAN 5% POLYESTER HARZ 2% THERMOPLASTISCHES POLYURETHAN 2% SILIKON 2% GUMMI</p> <p>SEE REVERSE FOR CARE INSTRUCTIONS</p>	 <p>HAND WASH ONLY. DO NOT DRY CLEAN OR BLEACH. DRIP DRY.</p> <p>LAVER À LA MAIN À L'EAU FROIDE NE PAS UTILISER DE JAVEL SUSPENDRE À SEC</p> <p>LAVADO A MANO CON AGUA FRÍA NO USE BLANQUEADOR SEQUE COLGANDO</p> <p>LAVAR À MANO COM ÁGUA FRIA NÃO USE LIXÍVIA PENDURE PARA SECAR</p> <p>HANDWÄSCHE NUR NICHT CHEMISCH REINIGEN ODER BLEICHEN TROCKENES HÄNGEN</p> <p>MADE IN CHINA FABRIQUE EN CHINA HECHO EN CHINA FABRICADO IN CHINA IN CHINA HERGESTELLT</p> <p>RN# 134405 CA 54513</p>
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Label	<p><i>Troy Lee Designs</i> 6400 KNEE BRACE MEDIUM</p> <p>47% STYRENE BUTADIENE 18% NYLON 14% ETHYLENE VINYL ACETATE 10% SPANDEX 5% POLYESTER RESIN 2% THERMOPLASTIC POLYURETHANE 2% SILICONE 2% RUBBER</p> <p>-----</p> <p>47% STYRENE DE BUTADIENE 18% NYLON 14% ÉTHYLÈNE-ACÉTATE DE VINYLE 10% SPANDEX 5% RÉSINE DE POLYESTER 2% POLYURÉTHANE THERMOPLASTIQUE 2% SILICONE 2% CAOUTCHOUC</p> <p>-----</p> <p>47% ESTIRENO BUTADIENO 18% NYLON 14% ETILVINILACETATO 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONE 2% BORRACHA</p> <p>-----</p> <p>47% STYROL-BUTADIENE 18% NYLON 14% ETHYLENVINYLCETAT 10% ELASTHAN 5% POLYESTER HARZ 2% THERMOPLASTISCHES POLYURETHAN 2% SILIKON 2% GUMMI</p> <p>SEE REVERSE FOR CARE INSTRUCTIONS</p>	 <p>HAND WASH ONLY. DO NOT DRY CLEAN OR BLEACH. DRIP DRY.</p> <p>LAVER À LA MAIN À L'EAU FROIDE NE PAS UTILISER DE JAVEL SUSPENDRE À SEC</p> <p>LAVADO A MANO CON AGUA FRÍA NO USE BLANQUEADOR SEQUE COLGANDO</p> <p>LAVAR À MANO COM ÁGUA FRIA NÃO USE LIXÍVIA PENDURE PARA SECAR</p> <p>HANDWÄSCHE NUR NICHT CHEMISCH REINIGEN ODER BLEICHEN TROCKENES HÄNGEN</p> <p>MADE IN CHINA FABRIQUE EN CHINA HECHO EN CHINA FABRICADO IN CHINA IN CHINA HERGESTELLT</p> <p>RN# 134405 CA 54513</p>
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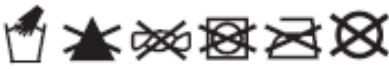


Label	<p>Troy Lee Designs 6400 KNEE BRACE LARGE</p> <p>47% STYRENE BUTADIENE 18% NYLON 14% ETHYLENE VINYL ACETATE 10% SPANDEX 5% POLYESTER RESIN 2% THERMOPLASTIC POLYURETHANE 2% SILICONE 2% RUBBER</p> <p>--- 47% STYRENE DE BUTADIENE 18% NYLON 14% ÉTHYLÈNE-ACÉTATE DE VINYLE 10% SPANDEX 5% RÉSINE DE POLYESTER 2% POLYURÉTHANE THERMOPLASTIQUE 2% SILICONE 2% CAOUTCHOUC</p> <p>--- 47% ESTIRENO BUTADIENO 18% NYLON 14% ETILVINILACETATO 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONA 2% CAUCHO</p> <p>--- 47% ESTIRENO BUTADIENO 18% NYLON 14% ACETATO DE VINIL ETIL 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONE 2% BORRACHA</p> <p>--- 47% STYROL-BUTADIENE 18% NYLON 14% ETHYLENVINYLCETAT 10% ELASTHAN 5% POLYESTER HARZ 2% THERMOPLASTISCHES POLYURETHAN 2% SILIKON 2% GUMMI</p> <p>SEE REVERSE FOR CARE INSTRUCTIONS</p>	 <p>HAND WASH ONLY. DO NOT DRY CLEAN OR BLEACH. DRIP DRY.</p> <p>LAVER À LA MAIN À L'EAU FROIDE NE PAS UTILISER DE JAVEL SUSPENDRE À SEC</p> <p>LAVADO A MANO CON AGUA FRÍA NO USE BLANQUEADOR SEQUE COLGANDO</p> <p>LAVAR À MANO COM ÁGUA FRIA NÃO USE LIXÍVIA PENDURE PARA SECAR</p> <p>HANDWÄSCHE NUR NICHT CHEMISCH REINIGEN ODER BLEICHEN TROCKENES HÄNGEN</p> <p>MADE IN CHINA FABRIQUE EN CHINA HECHO EN CHINA FABRICADO IN CHINA IN CHINA HERGESTELLT</p> <p>RN# 134405 CA 54513</p>
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Label	<div data-bbox="564 412 852 479" data-label="Text"> <p><i>Troy Lee Designs</i></p> </div> <div data-bbox="622 472 783 517" data-label="Text"> <p>6400 KNEE BRACE</p> </div> <div data-bbox="657 530 754 555" data-label="Text"> <p>X-LARGE</p> </div> <div data-bbox="580 589 834 636" data-label="Text"> <p>47% STYRENE BUTADIENE 18% NYLON</p> </div> <div data-bbox="525 636 888 730" data-label="Text"> <p>14% ETHYLENE VINYL ACETATE 10% SPANDEX 5% POLYESTER RESIN 2% THERMOPLASTIC POLYURETHANE 2% SILICONE 2% RUBBER</p> </div> <div data-bbox="564 739 847 788" data-label="Text"> <p>47% STYRENE DE BUTADIENE 18% NYLON</p> </div> <div data-bbox="509 788 903 882" data-label="Text"> <p>14% ÉTHYLÈNE-ACÉTATE DE VINYLE 10% SPANDEX 5% RÉSINE DE POLYESTER 2% POLYURÉTHANE THERMOPLASTIQUE 2% SILICONE 2% CAOUTCHOUC</p> </div> <div data-bbox="572 893 836 940" data-label="Text"> <p>47% ESTIRENO BUTADIENO 18% NYLON</p> </div> <div data-bbox="509 940 900 1034" data-label="Text"> <p>14% ETILVINILACETATO 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONA 2% CAUCHO</p> </div> <div data-bbox="572 1048 836 1095" data-label="Text"> <p>47% ESTIRENO BUTADIENO 18% NYLON</p> </div> <div data-bbox="509 1095 900 1191" data-label="Text"> <p>14% ACETATO DE VINIL ETIL 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONE 2% BORRACHA</p> </div> <div data-bbox="588 1202 834 1249" data-label="Text"> <p>47% STYROL-BUTADIENE 18% NYLON</p> </div> <div data-bbox="534 1249 895 1366" data-label="Text"> <p>14% ETHYLENVINYLCETAT 10% ELASTHAN 5% POLYESTER HARZ 2% THERMOPLASTISCHES POLYURETHAN 2% SILIKON 2% GUMMI</p> </div> <div data-bbox="533 1377 885 1402" data-label="Text"> <p>SEE REVERSE FOR CARE INSTRUCTIONS</p> </div> <div data-bbox="935 432 1286 488" data-label="Image"> </div> <div data-bbox="949 685 1272 750" data-label="Text"> <p>HAND WASH ONLY. DO NOT DRY CLEAN OR BLEACH. DRIP DRY.</p> </div> <div data-bbox="944 763 1270 828" data-label="Text"> <p>LAVER À LA MAIN À L'EAU FROIDE NE PAS UTILISER DE JAVEL SUSPENDRE À SEC</p> </div> <div data-bbox="949 844 1270 911" data-label="Text"> <p>LAVADO A MANO CON AGUA FRÍA NO USE BLANQUEADOR SEQUE COLGANDO</p> </div> <div data-bbox="949 925 1265 990" data-label="Text"> <p>LAVAR À MANO COM ÁGUA FRIA NÃO USE LIXÍVIA PENDURE PARA SECAR</p> </div> <div data-bbox="920 1003 1292 1070" data-label="Text"> <p>HANDWÄSCHE NUR NICHT CHEMISCH REINIGEN ODER BLEICHEN TROCKENES HÄNGEN</p> </div> <div data-bbox="1008 1227 1225 1332" data-label="Text"> <p>MADE IN CHINA FABRIQUE EN CHINA HECHO EN CHINA FABRICADO IN CHINA IN CHINA HERGESTELLT</p> </div> <div data-bbox="971 1357 1254 1388" data-label="Text"> <p>RN# 134405 CA 54513</p> </div>
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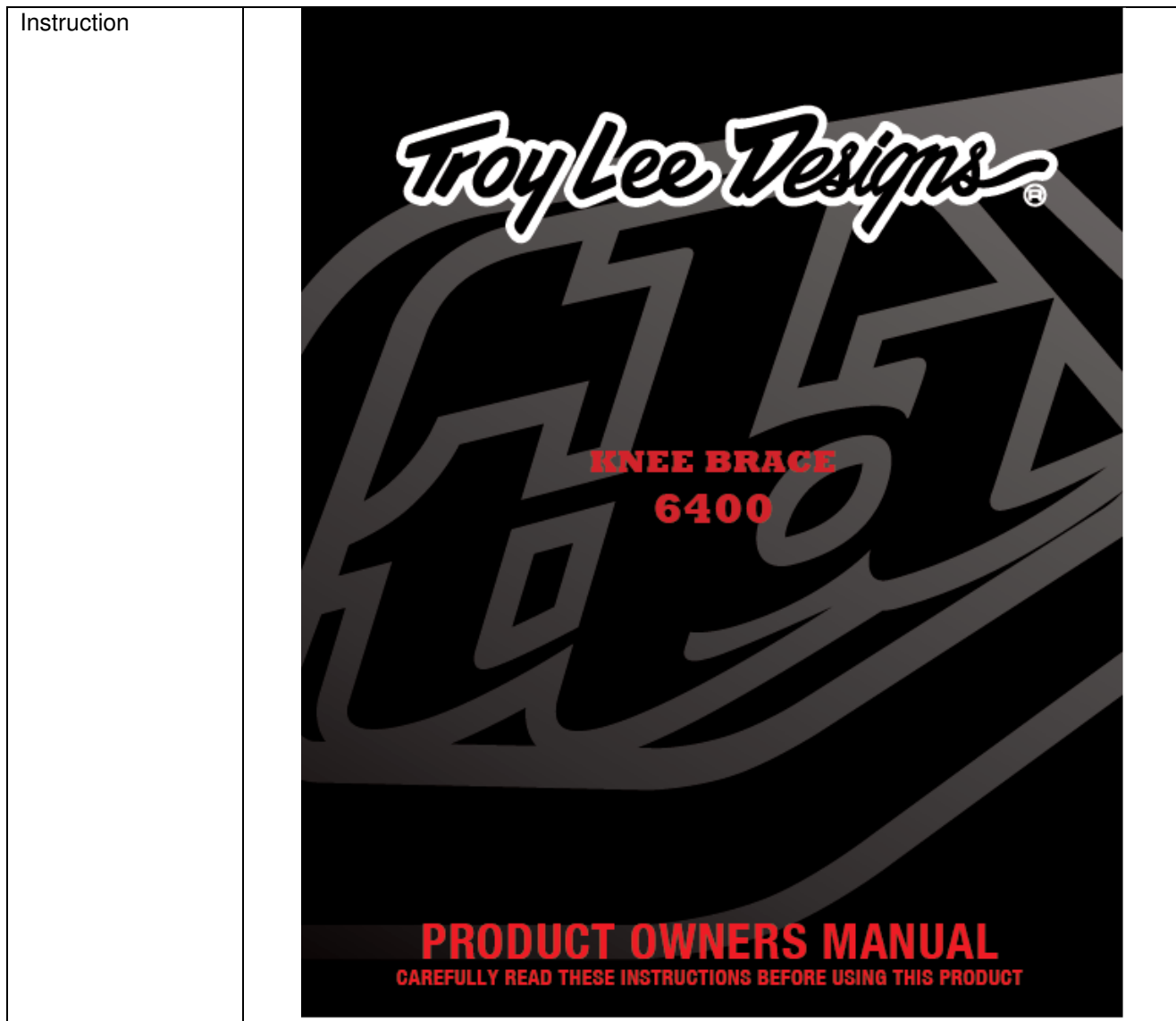


Label	<p>Troy Lee Designs 6400 KNEE BRACE 2X-LARGE</p> <p>47% STYRENE BUTADIENE 18% NYLON 14% ETHYLENE VINYL ACETATE 10% SPANDEX 5% POLYESTER RESIN 2% THERMOPLASTIC POLYURETHANE 2% SILICONE 2% RUBBER</p> <p>-----</p> <p>47% STYRENE DE BUTADIENE 18% NYLON 14% ÉTHYLÈNE-ACÉTATE DE VINYLE 10% SPANDEX 5% RÉSINE DE POLYESTER 2% POLYURÉTHANE THERMOPLASTIQUE 2% SILICONE 2% CAOUTCHOUC</p> <p>-----</p> <p>47% ESTIRENO BUTADIENO 18% NYLON 14% ETILVINILACETATO 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONA 2% CAUCHO</p> <p>-----</p> <p>47% ESTIRENO BUTADIENO 18% NYLON 14% ACETATO DE VINIL ETIL 10% SPANDEX 5% RESINA DE POLIÉSTER 2% POLIURETANO TERMOPLÁSTICO 2% SILICONE 2% BORRACHA</p> <p>-----</p> <p>47% STYROL-BUTADIENE 18% NYLON 14% ETHYLENVINYLCETAT 10% ELASTHAN 5% POLYESTER HARZ 2% THERMOPLASTISCHES POLYURETHAN 2% SILIKON 2% GUMMI</p> <p>SEE REVERSE FOR CARE INSTRUCTIONS</p>	 <p>HAND WASH ONLY. DO NOT DRY CLEAN OR BLEACH. DRIP DRY.</p> <p>LAVER À LA MAIN À L'EAU FROIDE NE PAS UTILISER DE JAVEL SUSPENDRE À SEC</p> <p>LAVADO A MANO CON AGUA FRÍA NO USE BLANQUEADOR SEQUE COLGANDO</p> <p>LAVAR À MANO COM ÁGUA FRIA NÃO USE LIXÍVIA PENDURE PARA SECAR</p> <p>HANDWÄSCHE NUR NICHT CHEMISCH REINIGEN ODER BLEICHEN TROCKENES HÄNGEN</p> <p>MADE IN CHINA FABRIQUE EN CHINA HECHO EN CHINA FABRICADO IN CHINA IN CHINA HERGESTELLT</p> <p>RN# 134405 CA 54513</p>
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Label	 <p>www.troyleedesigns.com</p>  <p>EU 2016/425 </p> <p>PPETS0016</p> <p>Year of production: 2018</p>  <p>Troy Lee Designs, Inc. 155 E. Rincon Street Corona, CA 92879 USA</p>
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Instruction

LANGUAGES

ENGLISH - EN
GERMAN - DE
FRENCH - FR
ITALIAN - IT
SPANISH - ES
JAPANESE - JA
FINNISH - FI
PORTUGUESE - PT
DUTCH - NL
SWEDISH - SV



SGS-CSTC 广州分公司
 Guangzhou Branch Testing Center

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 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Instruction

Congratulations on your Troy Lee Designs Premium Protective gear purchase. Please take a few minutes to read the following information before using your protective gear. Troy Lee Designs warranties all its products against defects in materials and workmanship for one year. Normal wear and tear, negligence, or improper care during the use, or improper use, of a product is not considered a defect. No warranty or representation is made as to this product's ability to protect the user from all injuries or death. The user assumes that risk. This protective gear is designed and manufactured to protect the user from, or reduce the extent of, elbow or knee minor-abrasion injuries only. This product is NOT intended to protect users from impact injury.

As with any protective equipment, it must be replaced if any crack, break, tear, or other damage is visible. The product should also be replaced after any serious incident involving the protective gear.

Do not modify, or reposition the components of, this protective gear in any way since doing so may reduce the protection provided to the user. This product is certified to comply with CE-marking requirements only in its "as-sold" condition. Use only official TLD replacement parts. Any warranty and representations are voided if the product is modified in any way.

INTENDED USE: This protective gear has been designed and manufactured for use by on non-paved surfaces as protection against minor-abrasion injury only.

SIZES: XS, S, M, L, XL, XXL

EN



Instruction

SIZING: To choose the correct size for you, measure the circumference of your knee 2 in. /5 cm below the center of your knee cap. Please refer to the fit table below:

KNEE BRACE	XS	S	M
KNEE CIRCUMFERENCE	11.5-12.5	12.25-13.25	12.25-13.25
	L	XL	XXL
KNEE CIRCUMFERENCE	13.75-14.75	14.5-15.5	15.25-16.25





The knee brace should not be loose in any area. Make sure there are no gaps between the product and leg and that the openings are snug.

CLEANING INSTRUCTIONS: Hand or machine wash in cold water only. Machine wash in domestic (non-industrial) machine only. Only wash with similar colors. Drip dry only. Never dry clean. Do NOT clean this product with anything but mild soap or detergent and water. Never use abrasive cleaners or pads, hot water, chemical cleaners (such as glass cleaner), or any petroleum-based solvents (such as benzene or gasoline); these may damage your protective gear and reduce its protective ability.



EXPECTED LIFE: The expected life for this protective gear is two years from the date of purchase unless the product is damaged, in which case it must be replaced. Keep product away from extreme heat and extreme cold. Temperature extremes may damage the product and reduce its protective ability as will improper product care.

EN



<p>Instruction</p>	<p>FITTING INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. Check that both the upper and lower leg straps are open and identify finger tabs at top of support. Using finger tabs, firmly grip support on both sides and pull support up leg. 2. Pull support up until centered over knee. Check position of knee cap to be centered at front to identify correct support height and alignment. It's important for support not to be off center to either side. 3. Establish desired closure tension on top strap and pull strap across front of support to secure Velcro®. Compression of strap should be snug, but not uncomfortable (do not inhibit circulation). 4. Establish desired closure tension on bottom strap and pull strap across front of support to secure Velcro®. Compression of strap should be snug, but not uncomfortable (do not inhibit circulation).     <p style="text-align: right;">FN</p>
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<p>Instruction</p>	<p>FITTING INSTRUCTIONS:</p> <p>5. The correct positioning of the X-Fit® System straps will form an "X" at the back of the leg, above and below the knee. The X-Fit® System straps automatically adjust to the tapered contours of the leg while providing comfortable compression.</p> <p>6. During extended use recheck the correct position of the support and strap tension. Maintaining proper alignment on the knee and stability with appropriate strap tension is important to the performance benefits of the support.</p> <p>This product is not a substitute for medical care. Always seek professional medical advice for the diagnosis and treatment of pain, injury, or irritation.</p>   <p>EN</p>
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Instruction

DISPOSAL: At the end of its life the protector must be disposed of in accordance with local refuse regulations. There are no hazardous materials used in the manufacture of the protector.



Troy Lee Designs, Inc.
155 E. Rincon Street
Corona, CA 92879 USA

**PPETS0016 Protocol based on EN14120-2003+A1
& EN ISO 13688:2013**

The conformity to the provisions of the European Personal Protective Regulation (EU) 2016/425 has been verified through laboratory testing in accordance with the protocol PPETS0016 by SGS China

**The product declaration of conformity can be accessed on:
www.troyleedesigns.com/certifications/6400**

EN

End of Report



SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Headlines

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