



Test Report

J2176 / C4431

EN1621-1

Motorcyclist Protective Clothing

JT USA

Skinz Knee and Shin Pad

Sizes S/M and L/XL

30 July 2004

Authorized by:

A handwritten signature in black ink, appearing to read "Dale B. Pfriem", written over a horizontal line.

Dale B. Pfriem
President

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ICS Laboratories, Inc. • 1072 Industrial Parkway North • Brunswick, Ohio 44212 USA
Phone: 330.220.0515 Fax: 330.220.0516



CERTOTTICA

Istituto Italiano per la Certificazione dei Prodotti Ottici Scarl
Loc. Villanova Zona Industriale-32013 LONGARONE (BL)
Tel.: + 437 573157 Telefax: + 437 573131

Pag. 1 / 3

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TEST REPORT

Client: JT USA
Address: 515 Otay Valley Rd. Chula Vista, CA 91911 USA
Product: Protective Knee and Shin
Model: Skinz Protective Knee and Shin
Job no : C4431
Tests report no.: 041978
Samples received on: 12/07/2004
Test began on: 23/07/2004
Test completed on: 23/07/2004
Test report on: 23/07/2004

Reference standard:

European Standard 1621_1 – Motorcyclists protective clothing against mechanical impact – Part 1 :
Requirements and test methods for impact protectors with the following changes: the impact tests have been performed with a lower impact energy value (<14 J instead of 50J). The number of the standard and the kind of template used to perform the tests have not been stated in the marking. For higher size protector only a sample has been tested, because it belongs to the same family of the smallest size tested before.

Note 1: This Test Report is only valid for the samples used during the tests; any change in the present Test Report can only be made through a new test Report.

Note 2: Partial disclosure of the present Test Report is only allowed upon written authorization by Certottica

Characteristics of the impact protector

Manufacturer:	JT USA
Address of the manufacturer:	515 Otay Valley Rd. Chula Vista, CA 91911 USA
Protector :	Knee and Shin
Size :	L/XL and SM/MD

Templates

The templates, as required by clause 5.2 of the EN 1621-1, are used to define the minimum area of the protectors..

Sample	Size	Protector*	Template
041978 2	SM/MD	K+L	<input type="checkbox"/> type A <input checked="" type="checkbox"/> type B
041978 3	SM/MD		
041978 4	SM/MD		
041978 5	L/XL	K+L	<input type="checkbox"/> type A <input checked="" type="checkbox"/> type B

Note: * description of the protector:

- S = shoulder;
- E = elbow and forearm;
- H = hip;
- K = knee and upper tibia;
- K+L = knee, upper and middle tibia;
- L = the front of the leg below protector "K".

Impact test (Clause 4)

When impact protection is tested, the mean value of the test results, calculated from the nine measurements must not exceed 35 kN and no single value must exceed 50 kN, as required by clause 4 of the EN 1621-1

Sample	Size	Test Area	Impact energy* [J]	Impact force < 50 kN	Mean value <35 kN	Results
041978 1	SM/MD	C	14.5	29.54	32.09	Pass
		B	14.5	30.33		
		A	14.3	31.58		
041978 2	SM/MD	C	14.6	32.62		
		B	14.7	32.35		
		A	14.3	32.41		
041978 3	SM/MD	C	14.6	31.08		
		B	14.5	33.16		
		A	14.6	33.14		
041978 4	L/XL	C	14.3	34.58	-----	Pass
		B	14.6	32.33		
		A	14.3	32.00		

Marking

Norm clause	Description	Result
a)	Name, trade mark or other means of identification of the manufacturer or his authorized representative	Present
b)	Identification of the product type, commercial name or code	Present
c)	Protector type according to table 1 (e.g. "S" type A)	Not applicable
d)	Number of the specific European Standard (EN 1621-1)	Not applicable

The analysis of the marking is in conformity with clause 7 of the EN 1621-1

Each protector must be marked:

The marking is on the product itself or on labels attached to the product	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NO
The marking is affixed so as to be visible and legible	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> NO

The Responsible of the helmets laboratory TOMMASO MORANDIN