


**This MotoCAP safety rating applies to:**

**Brand:** Bull'it  
**Model:** SR6 Oil Skin 17 Straight  
**Type:** Pants - Denim  
**Date purchased:** 26 August 2019  
**Sizes tested:** 36 and 38  
**Gender:** M  
**Style:** All Purpose  
**Test code:** P19D09

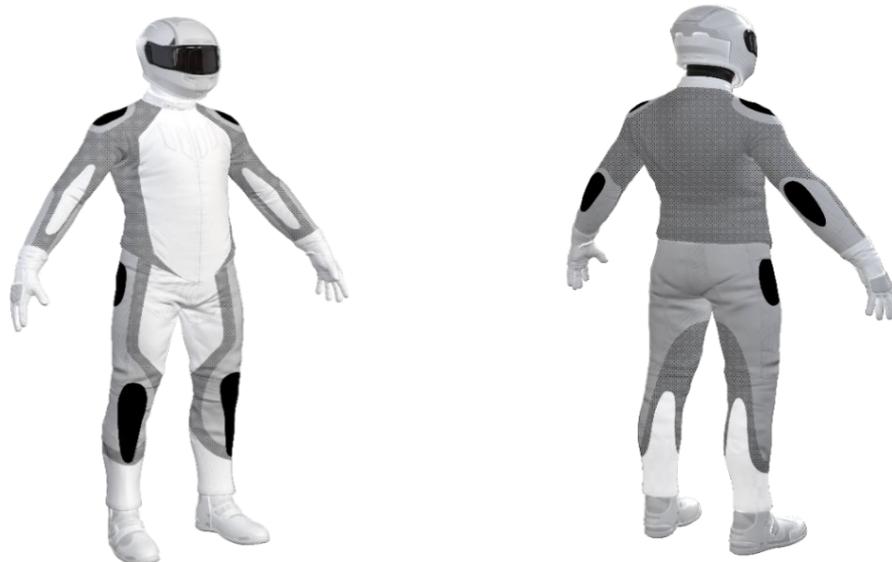
**Test Results Summary:**

	Rating	Score
MotoCAP Protection Rating	★★	29.0
Abrasion	4/10	3.41
Burst	10/10	1189
Impact	1/10	0.0
MotoCAP Comfort Rating	★★★	0.490
Moisture Vapour Resistance		29.7
Thermal Resistance		0.242
Water resistance	N/A	N/A

This garment is not fitted with impact protectors. Pockets are provided at the knees and hips for aftermarket impact protectors. There are no vents to allow airflow movement through the garment.

**Jacket and Pants - Crash Impact Risk Zones**

This diagram is a pictorial representation of the crash impact risk Zones.


**Zone 1**


High risk of abrasion  
High risk of impact

**Zone 2**


High risk of abrasion

**Zone 3**


Medium risk of abrasion

**Zone 4**


Low risk of abrasion

## Abrasion Resistance

The garment was tested for abrasion resistance in accordance with MotoCAP test protocols. The table below shows the test results for time to abrade through all layers of the materials. Calculated for each sample by Zone, type and area coverage of each material as a proportion of that Zone.

### Details of materials used in garment:

Material A:	Denim fabric shell, Vectran fabric layer and mesh inner liner
Material B:	Denim fabric shell with mesh inner liner
Material C:	Denim fabric shell

Zone	Coverage (%)	Abrasion time for each test (seconds)						Average (seconds)	
		1	2	3	4	5	6		
<b>Zone 1 and 2 areas (High abrasion risk)</b>									
Material A	100%	5.70	4.41	4.38	5.79	4.54	3.53	4.72	A
<b>Zone 3 area (Medium abrasion risk)</b>									
Material A	30%	5.70	4.41	4.38	5.79	4.54	3.53	4.72	G
Material B	70%	0.85	0.72	0.68	0.94	0.57	0.63	0.73	P
<b>Zone 4 area (Low abrasion risk)</b>									
Material B	50%	0.85	0.72	0.68	0.94	0.57	0.63	0.73	M
Material C	50%	0.56	0.59	0.53	0.67	0.42	0.45	0.54	M

Abrasion times are capped at a maximum of 10.00s.

The diagram below is a visual indication of the likely abrasion performance of the materials in each zone calculated from the data in the table above. The colour coding is based on the worst performing material in each zone.



Determining Criteria		Good	Acceptable	Marginal	Poor
High abrasion risk	Zone 1/2:	> 5.6	3.0 - 5.6	1.3 - 2.9	< 1.3
Medium abrasion risk	Zone 3:	> 2.5	1.8 - 2.5	0.8 - 1.7	< 0.8
Low abrasion risk	Zone 4:	> 1.5	1.0 - 1.5	0.4 - 0.9	< 0.4

### Burst Strength

The garment's burst strength was tested in accordance with MotoCAP test protocols. The table below shows the burst pressure in kilopascals (kPA) for each sample tested by Zone and the average result for each zone.

Burst pressure (kPA)

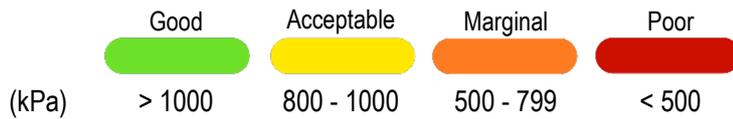
Area	1	2	3	4	5	Average	
Zones 1 & 2	1778	1399	1359	1403	1424	1473	G
Zone EZ	874	1042	884	1285	1047	1026	G
Zones 3 & 4	856	1059	1023	830	961	946	A

The diagram below illustrates the burst strength results in terms of the likely performance of the garment in an impact and is a pictorial representation of the data from the table above.



#### Determining Criteria

Burst strength



### Impact Protection

This garment was not tested for impact protection as impact protectors were not provided with the garment. The table below shows the test results for each strike on each impact protector in kilonewtons (kN) and their area of coverage as a proportion (%) of the Zone.

Impact protector type	Knee			Hip		
Average force (kN)			P			P
Maximum force (kN)			P			P
Coverage of zone 1 area	0%			0%		
Coverage of zone after displacement	0%			0%		
<b>Individual test results</b>						
Impact force (kN)	<b>Knee</b>	No impact protector present		<b>Hip</b>	No impact protector present	
<b>Strike location</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>A</b>	<b>B</b>	<b>C</b>
Impact Protector 1						
Impact Protector 2						
Impact Protector 3						

The diagram below is a visual indication of the likely performance of each impact protector calculated from the data in the table above. The colour coding is based on the worst performing score for average or maximum force for each impact zone.



Determining Criteria	Impact force (kN)			
	Good	Acceptable	Marginal	Poor*
Impact force (kN)	< 15	15 - 24	25 - 30	> 30

\* Poor may also indicate that no impact protector, or impact protector pocket is present in the garment

Areas shaded black are not considered in the impact protection ratings.

### Thermal comfort

The garment was tested for thermal comfort following the MotoCAP test protocols. The table below shows the moisture vapour resistance and the thermal resistance values obtained.

	1	2	Average
Moisture Vapour Resistance - $R_{et}$ (kPam <sup>2</sup> /W)	28.6	30.8	29.7
	1	2	Average
Thermal Resistance - $R_{ct}$ (Km <sup>2</sup> /W)	0.242	0.243	0.242

### Water spray and rain resistance

This garment has not been advertised as water resistant so has not been tested for water spray and rain resistance.

#### Assessment Details.

Brand	Bull'it
Model	SR6 Oil Skin 17 Straight
Type	Pants - Denim
Date purchased	26 August 2019
Tested by	AMCAF, Deakin University
Garment test reference	P19D09
Rating first published	May 2020
Rating updated	1 October 2021