

Report ID: 357882  
Date of sample receipt: 13/10/23  
Date of issue: 25/10/23

GABER S.R.L.  
VIA TONIOLO 26  
31030 CASELLE DI ALTIVOLE (TV)  
ITALIA

Sample name: Sedia GIANET con braccioli

## SAMPLE N° 357882

Overall dimensions: 645 x 510 x 775 (h) mm

### List of test reports:

1. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17
2. Drop test - dynamic ANSI-BIFMA X5.4-2020/15
3. Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24
4. Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5
5. Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7
6. Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14
7. Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13
8. Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9
9. Arm strength test - vertical - static ANSI-BIFMA X5.4-2020/10
10. Stability test ANSI-BIFMA X5.4-2020/21



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*The managing director  
Dr. Franco Bulian*

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## SAMPLE N° 357882

Date of issue: 25/10/23  
Sample weight: Not determined  
Sample name: Sedia GIANET con braccioli



Side view



Rear view



Bottom view

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# TEST REPORT

**357882 / 1**

Revision: 0  
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## Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Test carried out on sample 3 of 3

Weight of the unit: 4 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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# TEST REPORT

## 357882 / 2

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## Drop test - dynamic ANSI-BIFMA X5.4-2020/15

Test carried out on sample 1 of 3

### Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.4-2020.

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## TEST REPORT

### 357882 / 3

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## Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24

Test carried out on sample 3 of 3

Seat height: 450 mm

Test results:

Seat load kg	Horizontal Force N	Number of cycles	Remarks
109	334	25.000	No defects

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.4-2020.

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# TEST REPORT

**357882 / 4**

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## Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5

Test carried out on sample 2 of 3

Backrest height: 330 mm

Test results:

Back load for each seating position N	Time of application	Remarks
667	1 min	No defects
1.112	10 s	No defects

The test results comply with the requirements in clause 5.5 of ANSI-BIFMA X5.4-2020.

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## TEST REPORT

**357882 / 5**

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### Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7

Test carried out on sample 2 of 3

Backrest height: 330 mm

Test results:

Horizontal force N	Number of cycles per position	Remarks
334	120.000	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.4-2020.

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# TEST REPORT

## 357882 / 6

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## Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14

Test carried out on sample 1 of 3

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

The test results comply with the requirements in clause 14.5 of ANSI-BIFMA X5.4-2020.

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## TEST REPORT

**357882 / 7**

Revision: 0  
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Date of test: 18/10/23  
Date of issue: 25/10/23



Sample name: Sedia GIANET con braccioli

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### Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13

Test carried out on sample 3 of 3

#### Test results:

Vertical load N	Number of cycles	Remarks
400	60.000	No defects

The test results comply with the requirements in clause 13.5 of ANSI-BIFMA X5.4-2020.

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*[Signature]*

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**TEST REPORT**

**357882 / 8**

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**Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9**

Test carried out on sample 2 of 3

Distance between the armrests: 570 mm

Test results:

Load on arm rest N	Time of application	Direction of load application	Remarks
445	1 min	inwards	No defects
445	1 min	outwards	No defects
667	10 sec	inwards	No defects
667	10 sec	outwards	No defects

The test results comply with the requirements in clause 9.5 of ANSI-BIFMA X5.4-2020.

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**357882 / 9**

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### Arm strength test - vertical - static ANSI-BIFMA X5.4-2020/10

Test carried out on sample 2 of 3

Armrest height from the floor: 700 mm

Armrest width:  $\leq 75$  mm

Test results:

Load on armrest N	Time of load application	Remarks
750	1 min	No defects
1125	10 sec	No defects

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.4-2020.

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**357882 / 10**

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## Stability test ANSI-BIFMA X5.4-2020/21

Test carried out on sample 3 of 3

### Clause 21.3

#### Rear stability for non-tilting units

Seat load:	60 kg	
Minimum force required:	144 N	
Measured force:	> 190 N	Does not overturn

### Clause 21.4

#### Rear stability for tilting units

Loading discs on the seat	/
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### Clause 21.5

#### Front Stability for Units Less than 36.3 kg

Seat load:	600 N	
Minimum force required:	20 N	
Measured force:	> 20 N	Does not overturn

### Clause 21.6

#### Front Stability for Units Greater Than or Equal to 36.3 kg

Weight of the unit:	4 kg
Minimum force required:	/
Measured force:	/

The test results comply with the requirements in clause 21.3.3 and 21.5.4 of ANSI-BIFMA X5.4-2020

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

\*\* The limit is included in the uncertainty interval associated with the measured value.

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