

User Manual

DEALER: This manual MUST be given to the user of the product.

USER: BEFORE using this product, read this manual and save for future reference.

Invacare® Matrix® Flovair™

Models ITFM and ITFG



Yes, you can.



I General

I.1 Symbols

Signal words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. See the information below for definitions of the signal words.



WARNING

Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Caution indicates a potentially hazardous situation which, if not avoided, may result in property damage or minor injury or both.



Gives useful tips, recommendations and information for efficient, trouble-free use.

I.2 Overview

Important Information

The best way to avoid problems related to pressure sores is to understand their causes and your role in a skin management program.

Your therapist and physician should be consulted if you have questions regarding individual limitations and needs.

All cushions should be selected carefully. Working with your therapist and physician is the best way to assure that a cushion choice matches your individual needs.

As the needs of the individual become more complex, cushion evaluation becomes more important.

Matrix Flovair Cushion

The Invacare Matrix Flovair Cushion is designed to provide pelvic stability, leg positioning and pressure management for individuals with postural asymmetry and skin integrity concerns. The Invacare Matrix Flovair Cushion begins with the base for comfort, stability and function. This hybrid cushion captures the stability of foam, the pressure redistribution of air and the shear management of fluid.

Outer/Inner Covers

The outer cover is made from a water resistant fabric to protect the foam. The top is fabricated from a stretch fabric. The bottom is fabricated from a heavyweight, non-skid fabric.

A water resistant inner cover allows air circulation while providing additional protection for the foam.

2 Safety



Check ALL parts for shipping damage. If shipping damage is noted, DO NOT use. Contact carrier/dealer for further instruction.

2.1 Intended Use



WARNING

The Flovair cushion IS NOT designed for use in the treatment of pressure sores.

The Flovair cushion is designed to provide pelvic stability, leg positioning and pressure management for patients with postural asymmetry and skin integrity concerns. The Flovair cushion is available in two different contours to suit the amount of positioning required by the user.

2.2 General Warnings



WARNING

DO NOT USE THIS PRODUCT OR ANY AVAILABLE OPTIONAL EQUIPMENT WITHOUT FIRST COMPLETELY READING AND UNDERSTANDING THESE INSTRUCTIONS AND ANY ADDITIONAL INSTRUCTIONAL MATERIAL SUCH AS OWNER'S MANUALS, SERVICE MANUALS OR INSTRUCTION SHEETS SUPPLIED WITH THIS PRODUCT OR OPTIONAL EQUIPMENT. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS, CAUTIONS OR INSTRUCTIONS, CONTACT A HEALTHCARE PROFESSIONAL, DEALER OR TECHNICAL PERSONNEL BEFORE ATTEMPTING TO USE THIS EQUIPMENT - OTHERWISE, INJURY OR DAMAGE MAY OCCUR.

ACCESSORIES WARNING

Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.

INSTALLATION WARNING

After any adjustments, repair or service and before use, make sure that all attaching component parts are secure.

WARNING

Skin condition should be checked very frequently after the installation of any new cushion.

Your therapist and physician should be consulted if you have any questions regarding weight relief, self-examination of the skin, or individual limitations and needs.

Make sure the hook and loop fastening straps are securely attached between the seating surface and cushion before using.

2.3 Weight Limitation and Model Numbers



Refer to the chart for the model number and weight limitation.

Configured model numbers are: ITFM, ITFG

ITFM = Flovair Max Contour Cushion, ITFG = Flovair Gentle Contour Cushion

Bold = Stock models, Grey = size not available

WIDTH	DEPTH								WEIGHT LIMIT
	15	16	17	18	19	20	21	22	
15	ITFG1515	ITFG1516	ITFG1517	ITFG1518	ITFG1519	ITFG1520			300 lb (136 kg)
	ITFM1515	ITFM1516	ITFM1517	ITFM1518	ITFM1519	ITFM1520			
16	ITFG1615	ITFG66	ITFG1617	ITFG68	ITFG1619	ITFG1620			
	ITFM1615	ITFM66	ITFM1617	ITFM68	ITFM1619	ITFM1620			
17	ITFG1715	ITFG1716	ITFG1717	ITFG1718	ITFG1719	ITFG1720			
	ITFM1715	ITFM1716	ITFM1717	ITFM1718	ITFM1719	ITFM1720			
18	ITFG1815	ITFG86	ITFG1817	ITFG88	ITFG1819	ITFG1820			
	ITFM1815	ITFM86	ITFM1817	ITFM88	ITFM1819	ITFM1820			
19	ITFG1915	ITFG1916	ITFG1917	ITFG1918	ITFG1919	ITFG1920			
	ITFM1915	ITFM1916	ITFM1917	ITFM1918	ITFM1919	ITFM1920			
20	ITFG2015	ITFG06	ITFG2017	ITFG08	ITFG2019	ITFG2020			
	ITFM2015	ITFM06	ITFM2017	ITFM08	ITFM2019	ITFM2020			
21		ITFG2116	ITFG2117	ITFG2118	ITFG2119	ITFG2120	ITFG2121	ITFG2122	500 lb (227 kg)
22		ITFM2116	ITFM2117	ITFM2118	ITFM2119	ITFM2120	ITFM2121	ITFM2122	
		ITFG2216	ITFG2217	ITFG2218	ITFG2219	ITFG2220	ITFG2221	ITFG2222	
23		ITFM2216	ITFM2217	ITFM2218	ITFM2219	ITFM2220	ITFM2221	ITFM2222	
		ITFG2316	ITFG2317	ITFG2318	ITFG2319	ITFG2320	ITFG2321	ITFG2322	
24		ITFM2316	ITFM2317	ITFM2318	ITFM2319	ITFM2320	ITFM2321	ITFM2322	
		ITFG2416	ITFG2417	ITFG2418	ITFG2419	ITFG2420	ITFG2421	ITFG2422	
		ITFM2416	ITFM2417	ITFM2418	ITFM2419	ITFM2420	ITFM2421	ITFM2422	

3 Usage

3.1 Attaching/Removing the Cushion To/From the Seating Surface



WARNING

Make sure the hook and loop fasteners are securely attached to the seating surface and to the cushion **BEFORE** using. If the cushion is not secured to the seating surface, use caution when transferring in and out of the wheelchair.



To remove the cushion from the seating surface, reverse the following procedure.

The seating surface can be one of the following: seat upholstery, drop base or seat pan.

The zipper on the cushion should **ALWAYS** face rearward.

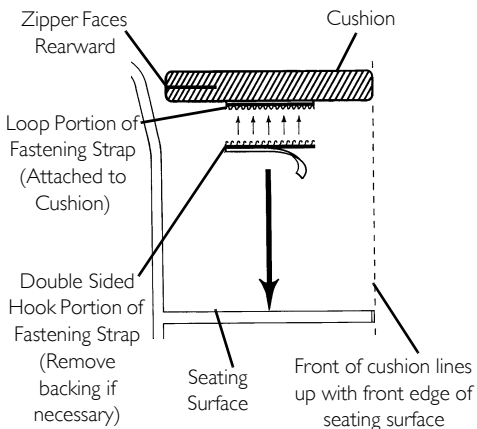
Hook Attachment Strips/No Attachment Strips

1. Remove double sided hook from bottom of cushion.
2. Align front edge of cushion with front edge of seating surface.
3. Perform one of the following:

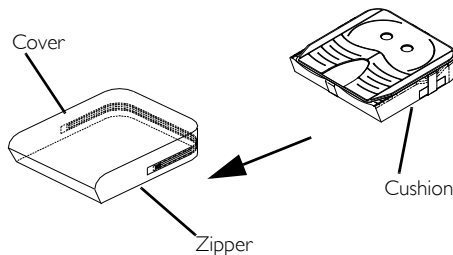
- Hook Attachment Strips - Secure the cushion to the seating surface, making sure that the strips of loop on the cushion cover are securely attached to the strips of hook on the seating surface.
- No Attachment Strips - Place the cushion on the seating surface.

Loop Attachment Strips

1. Verify the double sided hook strips are securely attached to the loop attachment strips on the bottom of the cushion.
2. Align front edge of cushion with front edge of seating surface.
3. Secure the cushion to the seating surface, making sure that the double sided hook is securely attached to the strips of loop on the cushion cover and the seating surface.



3.2 Removing/Installing the Cushion Covers



Removing the Covers



WARNING

The covers are designed to protect the foam from moisture and to provide fire retardancy. DO NOT use the cushion without either the inner or outer cover. If the covers are torn, they **MUST** be replaced **IMMEDIATELY**.

CAUTION

DO NOT remove both the outer cover and inner cover at the same time, otherwise damage to the inner cover material may occur.



The pelvic support layer is at the top of the inner cover.

The zipper is at the rear and the stretch fabric is at the top of the outer cover.

1. Remove the cushion from the seating surface. Refer to Attaching/Removing the Cushion To/From the Seating Surface on page 4.
2. Unzip the outer cover.
3. Remove cushion, still inside the inner cover, from the outer cover.
4. If desired, unzip the inner cover and remove the cushion from the inner cover.

Installing the Covers

1. If the inner cover has been removed, position the cushion with the pelvic support layer in place toward the rear of the inner cover.



The back surface of the cushion is marked "REAR".

2. Slide the cushion into the inner cover.
3. Zip the inner cover closed.
4. Position the cushion with inner cover and the pelvic support layer in place toward the rear of the outer cover.
5. Slide the cushion into the outer cover.

CAUTION

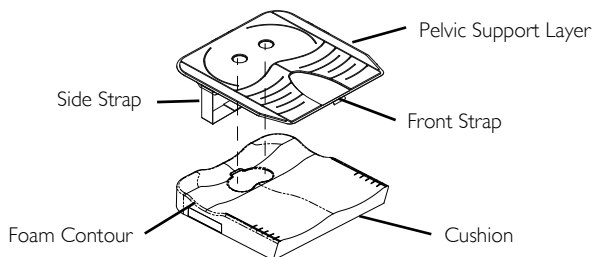
Use care not to snag the inner cover in the outer cover zipper, or damage to the inner cover will occur.

6. Zip the outer cover closed.
7. Reattach cushion onto seating surface. Refer to Attaching/Removing the Cushion To/From the Seating Surface on page 4.

3.3 Removing/Installing the Pelvic Support Layer



The cushion comes with a fluid/air pelvic support layer.



Removing the Pelvic Support Layer

1. Remove cushion from inner and outer covers. Refer to [Removing/Installing the Cushion Covers](#) on page 5.
2. Unfasten the front strap, the rear strap (not shown), and the two side straps.
3. Lift the existing pelvic support layer and remove from the foam.

Installing the Pelvic Support Layer

1. Center the pelvic support layer on the foam so that the side straps are centered in the contours on each side of the foam.
2. Fasten the rear, front, and side straps together at the bottom of the foam.



DO NOT over-tighten the straps. The pelvic support layer **MUST** be free to move with the cushion.

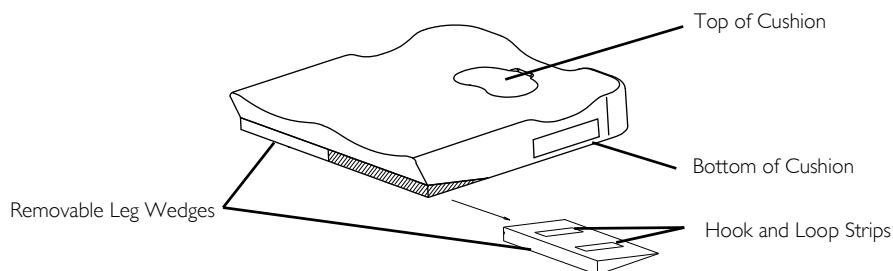
3. Reinstall cushion into inner and outer covers. Refer to [Removing/Installing the Cushion Covers](#) on page 5.

3.4 Removing/Installing Removable Leg Wedges



This procedure provides 1-inch of lower seat to floor height on one side of the cushion. This modification allows for easier foot propelling or the accommodation of some hip flexion limitations.

This modification can be done on either side of the cushion.



1. Remove the cushion from the inner and outer covers. Refer to [Removing/Installing the Cushion Covers](#) on page 5.
2. Remove the pelvic support layer. Refer to [Removing/Installing the Pelvic Support Layer](#) on page 6.
3. Remove the front leg wedge from the side of the cushion that requires a lower cushion to floor height. Save the leg wedge for future use.



Leg wedges secure in place with hook and loop strips.

4. Reinstall the pelvic support layer. Refer to [Removing/Installing the Pelvic Support Layer](#) on page 6.
5. Reinstall cushion into inner and outer covers. Refer to [Removing/Installing the Cushion Covers](#) on page 5.

4 Care and Maintenance



DO NOT use an abrasive detergent, cleaner or cloth during maintenance.

4.1 Cleaning

Regular cleaning of the outer cover, inner cover and cushion is recommended.

Outer Cover



CAUTION

DO NOT use fabric softeners or bleach.

DO NOT machine dry. Air dry only. DO NOT dry in sun.

Machine wash the outer cover in cold water on gentle cycle using a mild detergent.

Inner Cover

Hand clean the inner cover using a soft cloth, warm water and a mild soap solution. Rinse off and hang dry.

Foam

Wipe the foam with a damp cloth. DO NOT submerge or soak.

4.2 Inspection



WARNING

DO NOT continue to use this product if any of the upholstery materials, foams, and/or plastics are found to be deformed, breaking, worn, and/or compressed. Corrective maintenance can be performed at or arranged through your equipment supplier.

Regular inspection of the outer cover, inner cover and cushion is recommended.

4.3 Maintenance

Fluid in the pelvic pressure-relieving insert may have a tendency to migrate downward if the cushion is resting or stored in the vertical position. If this is the case, please remove the outer/inner cover to inspect the insert. If migration has occurred, gently knead the insert to ensure a uniform volume of fluid exists across the surface.

5 After Use

Reuse



WARNING: Risk of Injury

Always have a dealer inspect the product for damage before transferring the product to a different user. If any damage is found, DO NOT use the product. Otherwise injury may occur.

6 Limited Warranty

PLEASE NOTE: THE WARRANTY BELOW HAS BEEN DRAFTED TO COMPLY WITH FEDERAL LAW APPLICABLE TO PRODUCTS MANUFACTURED AFTER JULY 4, 1975.

This warranty is extended only to the original purchaser/user of our products.
This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.
Invacare warrants this product to be free from defects in materials and workmanship for two years of use by original purchaser except for the cover, which is warranted for a period of 90 days of use by the original purchaser. If within such warranty period any such product shall be proven to be defective, such product shall be repaired or replaced, at Invacare's option, with refurbished or new parts. This warranty does not include any labor or shipping charges incurred in replacement part installation or repair of any such product. Product repairs shall not extend this warranty - coverage for repaired product shall end when this limited warranty terminates. Invacare's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service, please contact the dealer from whom you purchased your Invacare product. In the event you do not receive satisfactory warranty service, please write directly to Invacare at the address on the back cover. Provide dealer's name, address, model number, the date of purchase, indicate nature of the defect and, if the product is serialized, indicate the serial number.

Invacare Corporation will issue a return authorization. The defective unit or parts must be returned for warranty inspection using the serial number, when applicable, as identification within thirty (30) days of return authorization date. DO NOT return products to our factory without our prior consent. C.O.D. shipments will be refused; please prepay shipping charges.

LIMITATIONS AND EXCLUSIONS: THE WARRANTY SHALL NOT APPLY TO PROBLEMS ARISING FROM NORMAL WEAR OR FAILURE TO ADHERE TO THE ENCLOSED INSTRUCTIONS. IN ADDITION, THE FOREGOING WARRANTY SHALL NOT APPLY TO SERIAL NUMBERED PRODUCTS IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED; PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE OR STORAGE; OR PRODUCTS MODIFIED WITHOUT INVACARE'S EXPRESS WRITTEN CONSENT INCLUDING, BUT NOT LIMITED TO: MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS; PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF INVACARE; PRODUCTS DAMAGED BY CIRCUMSTANCES BEYOND INVACARE'S CONTROL; PRODUCTS REPAIRED BY ANYONE OTHER THAN AN INVACARE DEALER, SUCH EVALUATION SHALL BE SOLELY DETERMINED BY INVACARE.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, IF ANY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IT SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESSED WARRANTY PROVIDED HEREIN AND THE REMEDY FOR VIOLATIONS OF ANY IMPLIED WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT PURSUANT TO THE TERMS CONTAINED HEREIN. INVACARE SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

THIS WARRANTY SHALL BE EXTENDED TO COMPLY WITH STATE/PROVINCIAL LAWS AND REQUIREMENTS.



Yes, you can.

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Part No 1167584

Rev A - 02/11

