



September 22, 2025

X8H HYBRID KNEE SUPPORT SYSTEM

USERS GUIDE

WARNING

WARNING! IT IS VERY IMPORTANT THAT YOU READ AND FULLY UNDERSTAND THIS USER GUIDE PRIOR TO USING THE X8H HYBRID KNEE SUPPORT SYSTEM. KNOWING THE RISKS INVOLVED WITH USAGE AND ACTIVITIES, USE THIS PRODUCT AT YOUR OWN RISK.

INTRODUCTION

Thank you for your purchase of the X8H hybrid knee support system. You will notice that the X8H hybrid knee support system is much different than a conventional knee guard. Realizing that conventional guards are ineffective in supporting knees, Mobius Technologies LLC, developed a completely new technology using an external flexible strap proven to be much more effective reducing strain on the knee.

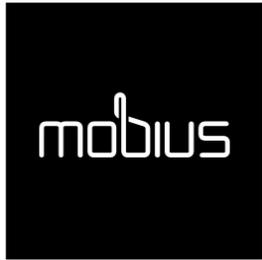
The patented Mobius Continuous Strap Routing System (CSRS) allows more mobility and better injury prevention. The unique design dynamically changes the tension in the strap throughout the legs full range of motion preventing excessive bending (lateral and medial), rotating/twisting, and hyperextension.

When an un-natural bending or twisting force is applied to the leg the strap becomes progressively tighter, gripping the leg and preventing the unwanted movement that can cause injury to the knees' main ligaments (ACL, MCL, PCL, & LCL) or discomfort to injured knee ligaments.

The innovative CSRS design crosses the knee joint both longitudinally and transversely just like the body's own ligaments. The CSRS tightens and resists the Anterior Translation of the Tibia reinforcing the Anterior Cruciate Ligament (ACL).

The tension in the CSRS progressively tightens keeping the knee joint tight, resisting rotation (twisting) and reinforcing the main ligaments inside the knee. The CSRS pulls the Tibial Shell upwards towards the Femoral Shell preventing the protector from moving down the leg. When properly sized and fitted, there is virtually no migration with the X8H hybrid knee support.

This new Mobius hybrid knee support system works so much better than conventional guards you can actually feel it working. Try it on and feel the difference for yourself.



PERFORMANCE AND MARKINGS

This product is considered a Cat. II Personal Protective Equipment (PPE) against medium risks satisfying the essential health and safety requirements under European Regulation 2016/425. The conformity to the provisions of this Regulation has been verified by RICOTEST Notified Body nr. 0498 (Via Tione 9, 37010 Pastrengo – Verona – Italy) through the CE – certification procedure and laboratory testing in accordance with Standard EN1621-1:2012.



Indicates CE Marking, which denotes conformity with the essential health and safety requirements of Regulation (EU) 2016/425 – Annex II.



Indicates UKCA Marking, denoting compliance with the Regulation (EU) 2016/425 (as brought into UK law and amended).

EN1621-1:2012

Indicates Reference Standard.

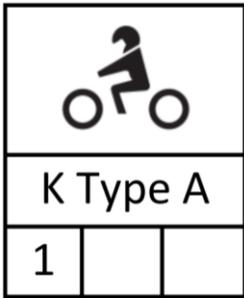


Indicates Manufacturer is Mobius Technologies, LLC.

X8H HYBRID KNEE

SUPPORT SYSTEM

Indicates the product designation.



Indicates the product is intended for Motorcycle Use.

Indicates the product is for the Knee (K) and is the smallest size (Type A).*

Indicates level of protection is Level 1.**

Indicates the OPTIONAL symbols: T+ (the protector has passed the impact test at high temperatures, +40°C) / T- (the protector has passed the impact test at low temperatures, -10°C). If the corresponding space is vacant the test was not claimed.

XXS/XS or S/M or L/XL Indicates the commercial size.

Area	Type	Level
K	TYPE A	LEVEL 1

* Type B protector dimensions are intended to cover the needs of most motorcycle riders. However, for ergonomic reasons, in certain cases the type B protectors may be unsuitable. In such cases the alternative type A protectors may be chosen by the user: the area protected by type B is bigger than the one covered by type A.



** LEVEL 1 = protectors designed to give protection whilst having low ergonomic penalties associated with their use.

LEVEL 2 = protectors providing an increased protection with respect to level 1, however, there may be weight and restriction penalties associated with level 2 protection.

EU DECLARATION OF CONFORMITY

The EU declaration of conformity can be obtained by going to the link www.mobiusbraces.com/DoC.

INTENDED USE

The X8H hybrid knee support system is designed to be used during motorcycle activities for reduction of knee injuries while doing these activities. The field of application of these knee protectors is motorcycling only. EN 1621-1 protectors will provide some protection against injury caused by impacts with road surfaces in motorcycle accidents. They may also slightly reduce the injuries caused by impacts with objects such as other vehicles.

LIMITATIONS OF USE

X8H hybrid knee support system will provide limited protection and cannot protect the user from all foreseeable injuries. Although X8H hybrid knee support system are designed to help reduce the risk and/or severity of knee injuries, there is **no guarantee** that an injury will be prevented by the use of this, or any other safety equipment. This product shall only be used when properly sized, fitted and attached according to the instructions in this user guide. **Use at your own risk.**

For the temperature of use, it is recommended that the protector is not exposed to extremely high or low temperatures; climatic variations such as dramatic/sudden increase of the temperature can considerably reduce the protection offered by the device.

CLEANING

Clean everything with soap and water, including the foam pads. Dry with a cloth and then air dry.

Do not use harsh chemicals or other common substances such as solvents, contact/brake cleaners, degreasers, etc. These products can cause damage that may not be visible to the user, and which may compromise the effectiveness and/or safety of this product.

STORAGE / TRANSPORTATION

Store in a dry, well-ventilated environment, avoid direct sunlight, and extreme temperatures.

Do not place heavy objects on top of your X8H hybrid knee support system, since compression can damage the integrity of structure of the X8H hybrid knee support system.

MAINTENANCE



For maximum performance, safety and support, the X8H hybrid knee support system should be visually inspected prior to each use. Always check for loose hardware and tighten if necessary. If a collision or accident takes place while this product is in use, visually examine all components thoroughly. If your Mobius knee protectors show any signs of damage, including but not limited to cracking, deformity, or discoloration due to stress cracks, STOP using this product and return the product to the seller for inspection, or discard and replace them. Do not attempt to repair this product yourself. No repair or replacement warranty will be honored on any X8H hybrid knee support system which is found to have been altered or repaired by anyone unauthorized to make any such repairs.

Do not make any custom modifications to this product. This includes, but is not limited to, drilling holes, painting, cutting, heating, bending, or attaching items to this product in any way not outlined in this guide. Any such modifications may compromise the Mobius knee protector and its effectiveness, safety, strength, and/or protection. Further, any modifications made to the Mobius knee protectors will void all warranty claims.

INDEMNITY

Mobius products cannot protect the user from all foreseeable injuries. By using this product the user accepts the risks involved with sports, and understands that no safety equipment device can guarantee that any injury will be prevented. Perform these activities with caution and always wear appropriate safety equipment. The X8H hybrid knee support system cannot protect against all potential impact and/or injuries. Although the X8H hybrid knee support system is designed to help reduce the risk and/or severity of knee injuries, there is no guarantee that injury will be prevented by the use of this, or any other safety equipment. This product shall only be used when properly fitted and attached according to the instructions in this user guide. Use at your own risk.

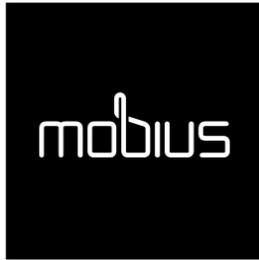
Should you not accept these terms, please return the X8H hybrid knee support system in the original packaging, in the original condition, to the agent from which it was received or purchased for a full refund of the purchase price.

DISCLAIMER OF LIABILITIES

Mobius Technologies LLC, its subsidiaries, suppliers, employees, owners, officers, agents, or resellers shall not be held liable or responsible for injury, death, or other damages (including loss of business, profits or punitive damages), to buyer/user and/or his/her heirs, or assigns, which may occur as the result of the use of the X8H hybrid knee support system, the negligence of any party, whether passive or active, or of any alleged product defect of the X8H hybrid knee support system. Seller shall have no liability whatsoever to buyer if the damage or injury claimed by buyer, has been the result of misuse, alteration, accident or abnormal conditions of operation or handling, as determined solely by seller or its authorized sales outlet.

WARRANTY

X8H hybrid knee support system carry a limited, one (1) year warranty for manufacturing defects for the original purchaser.



IMPORTANT! To be eligible for this warranty, you must retain your original receipt. This warranty is intended for the original purchaser and is non-transferable.

Warranty servicing is valid only in country of purchase. Service charges will apply if serviced outside the country of sales origin. Warranty void on all third party purchases.

Mobius will repair or replace (at its discretion) the product and/or its components, if it is determined by Mobius to be defective in materials or workmanship for one year from date of purchase.