

Equestrian Safety Standards

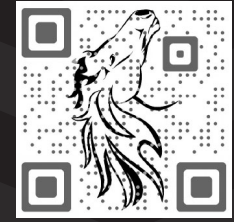
	Flat Impact	Hazard Edge Impact	Spike	Crush Resistance	Hemisphere "Hemi" Anvil	Horseshoe Anvil
Snell E2021						
PAS 015						
VG1 01.040 2021-06						
ASTM						

ARRO helmets are tested for crush resistance, this equates to 450lb or 204kgs
 Conversions: 225lb = 102kgs (1000N), 180lb = 82kgs (800N), 142lb = 64kgs (630N)

This helmet is designed to protect from impacts of the head with an obstacle while doing equestrian activities, it has passed VG1 01.040 2021-06 to show conformity to the EHSR of EU 2016/425 and Personal Protective Equipment Regulations (Regulation (EU) 2016/425 as Brought into UK law and amended.

EU TYPE EXAMINATION conducted by: SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland.

UKCA Conformity assessment conducted by: SGS United Kingdom Limited Rossmore Business Park Ellesmere Port South Wirral Cheshire CH65 3EN, Approved Body number: 0120



ARRO HELMETS

User Manual - English

For your safety, it is important that you completely read and understand the owner's manual and all warning labels before using this helmet. Failure to correctly follow these instructions can lead to serious injury or death.

V2 June 2022
 Model C3



www.arro.nz

ARRO Helmets Limited, 42 French Pass Road, RD4 Cambridge 3496, New Zealand

Scan
 QR Code
 for Instructions



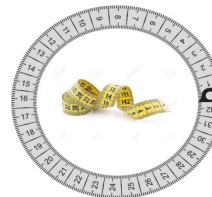
1. This helmet is for equestrian use only and is designed to protect from impacts to the head while doing equestrian activities.
2. No helmet can protect the wearer against all foreseeable impacts. However, for maximum protection, the helmet must be of good fit and all retention straps must be securely fastened. The helmet, when fitted and fastened, shall resist any inadvertent dislodgement or removal. When fitted correctly it should not be possible to rotate or move the helmet on the head in a way that reduces the level of protection and/or field of vision. Spacing between the retention system and the side of the user's head may vary substantially from one individual to another. It is essential when choosing a helmet to ensure that when correctly fitted and adjusted, any gaps between the user's head and the retention system are minimal to reduce the risk of obstacles becoming entangled.
3. This helmet is constructed that the energy of an impact may be absorbed through its partial destruction, though damage may not be visible. If it suffers an impact, it must either be returned to the manufacturer for inspection or be destroyed and replaced.
4. Intended for head circumferences from 56 cm through 59 cm. (56 and 59 represent numerical values for the smallest and largest head circumferences for which the helmet is intended.)
5. Cleaning: This helmet must not be dry cleaned. Only use mild soap and water to clean the interior and exterior of the helmet. This helmet can be seriously damaged by some common substances without visible damage. Avoid contact with chemicals, solvents and other household cleaning products. Chemicals used in many items can be harmful to the outer shell of your helmet. Frequently, chemical based damage is not visible and can result in premature fracturing of the shell when impacted.
6. Helmets are energy absorbing devices intended to deform, fracture, crush, and collapse as they absorb as much of the energy generated by an impact as they possibly can. They are durable, but should be treated as though they are fragile so that you will have all of the available energy absorbing materials if you should ever need them. Your helmet will give you years of good service if properly cared for.
7. Never allow your helmet to come in contact with gasoline or other petroleum products, as this will cause serious damage to the energy absorbing liner and/or outer shell.
8. Never drop or throw your helmet as this may cause structural damage, sometimes damage can be invisible to the user.
9. All equestrian sports are inherently dangerous and involve the risk of serious injury or death.

Riders using these products ride at their own risk with full knowledge of the hazards and risks associated with their activities.

10. Horseback riding imposes risks of death or permanent impairment due to head injury. The proper use of protective helmets can only minimize the risk of death or permanent impairment.
11. The helmet is designed to offer added protection to the head and cannot guard against neck, spine, face or other bodily injuries.
12. The use of a helmet does not and cannot guarantee the riders safety and may not prevent some types of serious injury or death.
13. No equestrian helmet standard covers the users against the crushing forces that may be sustained by a horse or other large animal stepping onto the helmet or rolling onto the helmet of its user. All types of riding involve crush accident risk. If you are undertaking a form or riding, such as eventing or jumping, where there can be a high likelihood of a crush event, it is important that you realize that this helmet is not designed, nor will it protect you against, such significant crush events.
14. Do not leave children unattended using this product, a hazard of strangulation exists or they may drop the helmet on the ground without you realising.
15. Do not modify the helmet in any way including adding stickers and/or attachments. No attachments inside and/or outside of the helmet unless recommended by ARRO, these include camera's, GoPro type products, BlueTooth products, radio's, headphones etc.
16. Check your helmet before each ride for signs of wear or damage. Do not loan or sell your helmet. Likewise, do not buy a used helmet or wear someone else's helmet.
17. We recommend replacing the helmet after 3-5 years depending on the usage based on no accidents and/or falls. If the helmet is involved in a fall/accident it should not be worn again.
18. The helmet should be stored in a dark, cool and dry place. Exposure to direct sunlight temperatures above 50°C or below -20°C can cause damage resulting in loss of protection. Do not leave your helmet inside a vehicle on hot days when the inside temperature can exceed these temperatures.
19. The materials used for this helmet are known to be safe to humans, but if you feels any reaction during the use of the helmet, use of it should be discontinued.

FITTING:

In order to work correctly, your helmet must fit correctly. If your helmet is not properly fitted, it may come off in an accident, in which case it will not provide any protection. The procedure initially may be time consuming - take the time.



Conversions:

56cm = 6 ⁷/₈
 57cm = 7
 58cm = 7 ¹/₈
 59cm = 7 ¹/₄

1. Size: using a soft measuring tape, wrap it around the widest part of your head and over your hair. It should follow a line about 3/4 inch or 19mm above your eyebrows, just above the ear line and around the bump at the back of your head. These tapes are cheap and can even be purchased from Amazon, online or contact ARRO.
2. Note ARRO Helmets have individual sizes, i.e. 56, 57, 58 & 59cm, this has been done this for safety and comfort.
3. The helmet should be placed low on the forehead so the edge of the helmet is visible in your upper field of vision. If you can't see the edge of the brim at the extreme upper range of your vision, the helmet is probably out of place and is not sitting low on your forehead.
4. Adjust and fasten the chin straps under your chin so it is snug with your mouth closed and uncomfortable to open your mouth;
5. Tighten the rear laces at the rear after the chin straps are adjusted – may need another person to assist. **Note:** we appreciate this might be more time consuming but it relates to overall safety and helmet retention.
6. Try to remove the helmet with both hands without undoing the chinstrap (forward and backward and from side to side). If the helmet comes off or shifts over your eyes, readjust and try again. If no adjustment seems to work, do not wear this helmet and seek further advice from ARRO - you may need another brand. Unfortunately, there are some head shapes and sizes this helmet will not fit properly and you will need to determine whether the helmet is appropriate for you personally.

The quality of the fit and the care taken with the adjustments are absolutely critical elements in our official helmet testing programme and overall safety of this helmet.

Select the helmet fit for your head size even for children, never select a helmet that is too large on the basis that they will "grow" into it.

ADDITION FITTING DETAILS: FIDLOCK - BUCKLE

Pull on the tab for quick release. The buckle is for practical operation with one hand, thanks to the self-locking magnetic mechanism and easy opening, paired with a static breaking load of 198kg/437lb. This ensures added safety and convenience.

Limitations

Your ARRO equestrian helmet is designed to reduce the risk of injury and studies show you are better off in an accident if you are wearing a helmet than if you are not. Helmets cannot offer complete protection from injury or death to riders in case of fall, collision, impact, loss of control or otherwise. Helmets cannot protect areas of the head that are not covered. Helmets offer no protection against injuries involving forces other than impact. Regardless, a helmet cannot protect against all foreseeable impacts or injuries. For example, your helmet cannot protect against spinal injuries, face, neck injuries, or any portion of the body it does not cover. Furthermore, it may not protect against injuries to areas the helmet does cover. Your helmet is made of energy absorbing materials which may or may not crush depending upon the impact. Sometimes the force of the impact is such that there is no crush and sometimes the force of the impact is such that the material crushes completely. In either case, at least some of the force of the impact is transmitted to the head and brain which can result in permanent injury or death. In addition, some head injuries are not caused by impacts; they are caused by other forces. Because of the wide variety of accident scenarios, it is impossible to tell when your helmet will or will not protect against injury or death.

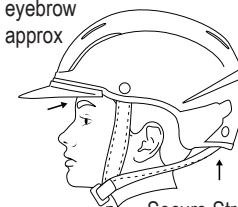
Instruction manual(s) can also be found on line at www.arro.nz



Scan QR Code to read Instructions Manual

CORRECT

Gap between eyebrow and helmet is approx 19mm or 3/4"



Secure Straps

INCORRECT

