

# New Style Airbag

**No CO2 cartridge, No lanyard, Easy to move in, Light weight!**

**Easy-to-wear protector vest – Inflatable by a manual airpump before wearing.**

## AIR PROTECTOR VEST

For many sports: Horse riding, Bouldering (Rock Climbing), Skiing, Snowboarding, Motocross, Motorcycle school, ATV...)

Inflated airbag(after)



Free size/photo

Buckle  
2 quick-release buckles

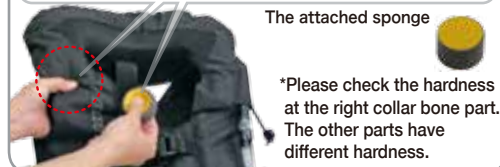
HC Chest padding (Option)  
\*There is not the HC chest pad to Kids size.

### Manual inflation by pumping from the air valve.



### Guideline for Inflation

Start pumping air after checking all buttons are fastened. The buttons are unfastened automatically after a certain volume of air is pumped. The hardness of the right collar bone part should be the same hardness as the attached sponge. (Some more pushes are required after all button were unfastened.)



\*Please don't pump up too much. Over-inflated vest doesn't improve the protection performance.

### Air Valve (Supply · Exhaust)

To remove air, insert the projection tip of the cap into the air valve.



## Protection structure

**Double structure of the airbag and protector for shock-buffering on the neck.**

### Protector / HEXA PAD



Assembly of hexagon cells makes the protector flexible and adjustable to the shape of the protector in the front and the back.  
Material/Polyethylene.

### Option Protector / HC Chest padding

Honeycomb structure fits the chest well and disperse a shock to the chest. Light and flexible chest pad.

Easily wearable with Velcro(male)

Velcro (female) is attached to the vest to hold the chest pad.

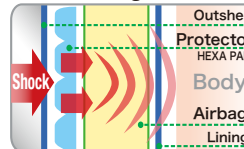
CE prEN1621-3:2011 Weight: 190g

\*There is not the HC chest pad to Kids size.

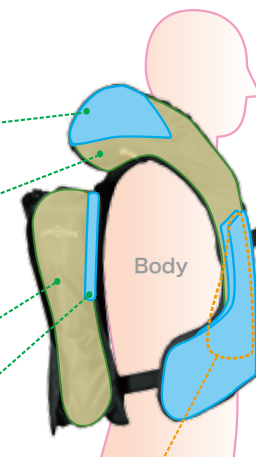
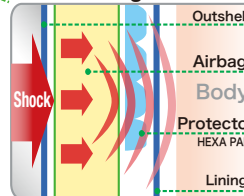


### Airbag + Protector

#### Neck airbag structure



#### Back airbag structure



HC Chest padding (Option)  
\*There is not the HC chest pad to Kids size.

### Before



Back airbag part can be folded when not in use.



### inside

Velcro (female) to hold the chest pad.  
\*There is not Velcro to Kids size.



Waist belt  
Size is adjustable by the inner waist belt.

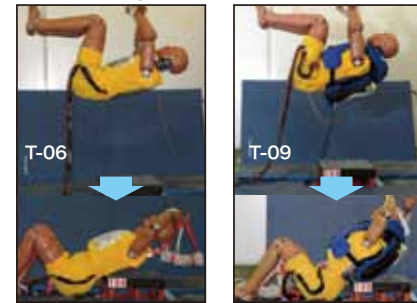
### AIR HOOF Spec

Material	600D Polyester, Airbag tube (Nylon·PU)
Color	Black, Red, Blue
Size(Weight)	Kids(510g), S(870g), Free(990g)
Included	Air pump, Air pump Pouch

### Protection performance test at JARI (Japan Automobile Research Institute)

Test sample: Size Free

Non-airbag vs Air Protector Vest (Inside pressure: 12 kPa)



Head acceleration 63.5 G → 26.1 G  
The reduction of 58.9% compared with non-airbag.

Chest acceleration 108.2 G → 19.0 G  
The reduction of 82.4% compared with non-airbag.

Size table	Kids	XS	S	Free
Height	115~130	140~155	150~165	160~185
Chest (Bust)	56~69	74~82	80~88	86~110
Waist	53~60	60~68	66~74	72~92

\*Approximate size

(cm)