

SY-FPUH01 American Type Fire Fighter's Helmet

Brand	STAR YE	Standard	EN443, EN397
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Description

The American Type fire fighter's helmet is made up of the best quality fire & heat retardant composite material include: light weight Kevlar fiber and glass reinforced composite shell. Four levels damping structure inside of the helmet such as high density foam buffer layer, compensating network buffer, hoop. It constitute by shell, wearing device and accessories (mask, shawls).

- The helmet has outer and inner shell. The shell is made up of imported high strength and high temperature resisting plastic. It can release the impact and shocking. The flame retardant material outer shell has high performance of shock absorption and fire resistance.
- The mask is made up of polyethylene sulfate. It has the feature of high temperature resistance, impact resistance and friction resistance. The mask is fogging resisting which surface can anti scratches. The mask is smooth and five angles. The mask flip flexible which can stay at any position stably. The mask can flip out 180 degree which can make the firefighters can flip the mask to the back of the helmet and to be not easy to fall.
- It will not cause visual deformation when through mask to see objects. The width of the mask can reach to ear which can avoid fire come in from the cheek. The helmet is provided with protection mask of 4.33 inches for protecting face and eyes against high temperature, high heat particles and liquid chemicals. The mask can reach to the chin which can protect the whole face of the firefighters. The mask can bear high temperature as high as 600°C。 When temperature is higher than 600°C, the mask will be melt but will not damage the helmet and person.
- There are four point nylon straps for adjusting the helmet. The straps is designed out of the shoulder cover which can prevent the shoulder cover blowing by the wind. The straps is triangle type which can improve the wearing stability.

	<ul style="list-style-type: none"> ➤ The Korean Type fire fighter’s helmet belongs to full-shell class and outer shell, which is made of high temperature resistant material, is also capable of withstanding heavy impacts. It can resist high temperature of 260°C. It will not drip even being flamed. ➤ The straps on chin and neck is adjustable, properly padded and is provided with quick released buckles. ➤ The knob design inside the helmet is much easier to adjust into different sizes, which is suitable for all head sizes ranging from 52-64m. ➤ The headband is made of skin friendly washable material ensuring the cool and comfort of our heads. Easy to be taken down for clean. ➤ The helmet is attached with yellow Kevlar shoulder cover which can be taken off easily for washing. It is double layers. It can protect neck and shoulders from inflame and heat. ➤ There are reflective strip on the shell, size is 2*12cm. <p>The shell is designed with brim which can enhance the protection to ear and back head.</p>																																								
Applications	<p>The American type fire fighter helmet applies to the protection of head and face from burn, cut, shock, hit, or scratch during firefighting emergency or disaster rescue, traffic accident, vehicle extraction rescue etc.</p>																																								
Features	<ul style="list-style-type: none"> ➤ Features of the helmet involve in high strength, penetration resistance, electricity resistance, inflaming retardant, heat-resisting etc. ➤ The mask’s light transmittance is very good with advantages of high definition, shock resistance, heat-resist, anti-fog, anti-scratch, radiation protection and anti-aging. ➤ The flame retardant and heat resisting property: the fire on the shell can be put out itself when the fire leave the shell and there will not be obvious trace for the fire burn through the inner of the shell. 																																								
Technical Specification	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Weight</td> <td style="text-align: center;">Shell < 1.1KG, total weight < 1.4KG</td> </tr> <tr> <td colspan="2" style="text-align: center;">Maximum Impact Force</td> <td style="text-align: center;">3346.7N</td> </tr> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle;">Maximum Impact Speed of Shell</td> <td style="text-align: center;">Top</td> <td style="text-align: center;">≤ 129.6GN</td> </tr> <tr> <td style="text-align: center;">Front</td> <td style="text-align: center;">≤ 307.8GN</td> </tr> <tr> <td style="text-align: center;">Side</td> <td style="text-align: center;">≤ 315.6GN</td> </tr> <tr> <td style="text-align: center;">Back</td> <td style="text-align: center;">≤ 322.1GN</td> </tr> <tr> <td colspan="2" style="text-align: center;">Heat Resistant Performance</td> <td style="text-align: center;">Shell does not touch head</td> </tr> <tr> <td colspan="2">Deformation Sagging of Back Edge of Shell</td> <td style="text-align: center;">10.1mm(GA44-2004 Standard: ≤40mm)</td> </tr> <tr> <td colspan="2">Deformation Sagging of Peak</td> <td style="text-align: center;">3.7mm(GA44-2004 Standard: ≤30mm)</td> </tr> <tr> <td colspan="2">Deformation Sagging of Two Sides of Shell</td> <td style="text-align: center;">4.5mm(GA44-2004 Standard: ≤30mm)</td> </tr> <tr> <td colspan="2">Extended Length</td> <td style="text-align: center;">13.7mm(GA44-2004 Standard: ≤20mm)</td> </tr> <tr> <td colspan="2">Lateral rigidity</td> <td style="text-align: center;">Maximum deformation of shell is 28.7mm(GA44-2004 Standard: ≤40mm)</td> </tr> <tr> <td colspan="2">After Uninstall Deformation</td> <td style="text-align: center;">3.1mm(GA44-2004 Standard: ≤15mm)</td> </tr> <tr> <td colspan="2">Insulating Property: Leakage Current of the Shell</td> <td style="text-align: center;">1.2mA(GA44-2004 Standard: ≤3mA)</td> </tr> </table>		Weight		Shell < 1.1KG, total weight < 1.4KG	Maximum Impact Force		3346.7N	Maximum Impact Speed of Shell	Top	≤ 129.6GN	Front	≤ 307.8GN	Side	≤ 315.6GN	Back	≤ 322.1GN	Heat Resistant Performance		Shell does not touch head	Deformation Sagging of Back Edge of Shell		10.1mm(GA44-2004 Standard: ≤40mm)	Deformation Sagging of Peak		3.7mm(GA44-2004 Standard: ≤30mm)	Deformation Sagging of Two Sides of Shell		4.5mm(GA44-2004 Standard: ≤30mm)	Extended Length		13.7mm(GA44-2004 Standard: ≤20mm)	Lateral rigidity		Maximum deformation of shell is 28.7mm(GA44-2004 Standard: ≤40mm)	After Uninstall Deformation		3.1mm(GA44-2004 Standard: ≤15mm)	Insulating Property: Leakage Current of the Shell		1.2mA(GA44-2004 Standard: ≤3mA)
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SHANDONG STARVE FIREFIGHTING EQUIPMENT CO., LTD.

	Alternative Colors	Red, Yellow