

## WINBOSS Gel Foam

### Application

- Soft medical cushions & protectors
- Sporting protectors and pads
- Saddles
- Glove
- Insoles

### Advantage

- ▲ Soft, pliable, and tough
- ▲ Light weight
- ▲ Super impact cushion
- ▲ Excellent thermal insulation
- ▲ Self-extinguishing
- ▲ High resistance against heat, cold, humidity, mildew, and rotting as well as against most oils and chemicals, thereby guaranteeing durability.
- ▲ High resistance against bacteria
- ▲ Not include CFC ozone depletion materials (tested by TÜV, Germany)
- ▲ No irritation to skin; easy to clean

### Fabrication

Winboss Gel-Foam can be fabricated in many ways using conventional machines and equipment by:

- \* Cutting, Die-Cutting
- \* Adhesive Bonding, Welding
- \* Sewing, Stitching

### Typical Physical Properties and Characteristics of Winboss Gel-Foam: G-20

		G-20	Test Method
Density	g c/m3	0.11~0.15	
Water Absorption	Wt%Max	1	ASTM-D1056
Compression Deflection (25%)	lb/in2	3~4.5	ASTM-D1056
Tensile strength	lb/in2	70	ASTM-D412
Elongation	%Min.	350	ASTM-D412
Compression Set (50%)		10	ASTM-D1056

ASTM method, in some cases, may be modified slightly to make results more meaningful for end-use application.