

# TECHNICAL DATE SHEET



## BURN GEL DRESSING

### DESCRIPTION

Burn gel is a water-soluble gel product, which is mainly composed of purified water, propylene glycol, glycerol, emulsifier, surfactant. It can be used in the first aid treatment of burns and scald. It can quickly absorb and release heat through the volatilization of water, keep the wound moist and prevent the wound from dryness. After the occurrence of burns and scalds, use burn gel to cover the wound as soon as possible, which can relieve the burning sensation caused by burns and scalds.

### INDICATIONS

Burn gel is suitable for wound coverage, burns or scalds wound, can be used for I and II degree burn wounds.

### TECHNICAL REQUIREMENTS

- appearance: color should be white or light yellow, clear uniform liquid.
- PH value: PH value should be 5.0 ~ 7.5.
- Viscosity: the viscosity value should be 5000 ~ 30000 mPa·s(25±2 °C).
- Sterility test: the product should be sterile.

### HOW SUPPLIED

- Product size:  
Dressing type: 5x5cm (20g), 10x10cm (40g), 5x15cm (30g), 20x20cm (150g), 20x45cm (300g), 30x30cm (300g), 30x40cm (360g), 60x40cm (750g), 80x80cm (1500g)  
Gel type: 3.5g, 4g, 25g, 50ml, 118ml, 120ml, 150ml
- Thickness: sponge (3mm) or non-woven fabric (two layers 0.71mm, four layers 1.42mm)
- Color: white or light yellow

### STRUCTURE

Major material 1	Name	emulsifier
	Description	Milky white viscous liquid, has the effect of thickening
Major material 2	Name	surfactant
	Description	Colorless clear liquid, can promote permeation
Major material 3	Name	Purified water
	Description	A clear, colorless, odorless liquid
Major material 4	Name	Propylene glycol
	Description	Colorless clear viscous liquid, with moisturizing function
Major material 5	Name	Glycerol
	Description	Colorless clear viscous liquid, with moisturizing function
Major material 6	Name	Non-woven fabric or sponge
	Description	The base material of dressings
Auxiliary material	Name	NA
	Description	NA