

## Cross Laminated HDPE Film

## Description

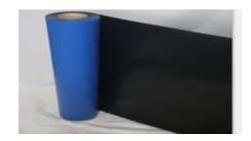
The cross laminated HDPE film is made by laminating HDPE films with their orientation directions crossed at around 90 degrees (45 degrees from the machine direction). The film has excellent tensile and tear strength in longitudinal and transverse direction, resistance to low and high temperature, UV and chemical resistance, anti-puncture and self-healing. It is widely used at waterproof membranes and packages.

## **Features**

- Excellent tensile strength and tear resistance
- High dimension stability and weather resistance
- Strong temperature flexibility, resistance to low and high temperature
- Excellent adhesivity with asphalt
- High puncture and impact resistance
- Multi-color selection

#### **Uses**

- Medical and electric fields
- Labels, packages, pesticides, advertisements, maps, explosives
- · Reinforced film for waterproof membranes as the facing and fetal membranes on the top surfaces or in the middle of the membranes



# **Type and Specification**

Thickness, mm 0.075 – 0.11 or customized		
Width, m 0.05 – 1.04 or customized		
Length, m	50m or customized	
Color	Black, White, Blue & Black, Green & Black, Double Black, Double Green	

# Technical Data: GB23441-2009

No	Item		Direction	Index
140	item			
1	Tensile strength, N/5cm ≥		Longitudinal	250
'			Transverse	250
2	Elongation at maximum tension, % ≥		Longitudinal	250
2			Transverse	250
3	Nail shank tearing, N ≥		Longitudinal	120
			Transverse	120
4	Thermal stability, ≤		Longitudinal	0.4%
			Transverse	0.4%
5	Thermal aging, % ≥	Pull force	Longitudinal	96
			Transverse	96
		Elongation at maximum tension	Longitudinal	94
			Transverse	94
6	Heat resistance, 120°C, 10	0 minutes	No bubbles, no laminating	
7	Low temperature flexibility, -35℃		No cracks, no laminating	

## Packing and storage

10-24 rolls/pallet depending on the length of the roll.

Store away from sources of punctures and physical damage. Keep dry and store away from ignition sources and open flame.

Shelf Life: Unlimited