

UNI-ROLL™



MOISTURE BARRIER ALUMINIUM FILM

Uni-Roll™ is a moisture barrier Aluminium Film for packaging and protecting instruments and machine for export.

Uni-Roll™ is a moisture barrier and tough packaging material incorporating reinforced PET netting which offers the following features:

- High resistant to moisture;
- High resistant to humidity;
- High resistant to puncture by sharp corners.
- Easy sealing method
- Low shrinkage
- Special Made Heat Insulation Foam Type which protects against high and cold temperature



SPECIALTIES

1. Used for packaging as it is highly flexible, tear-resistant; reinforced with tough and untearable PET netting;
2. A total barrier to light and oxygen, and moisture;
3. Widely used for radiation shield (barrier and reflectivity), heat exchangers (heat conduction)
4. Environmental friendly material: without toxic volatile material after re-cycle.

APPLICATIONS

Packing for Machine Tools, Precision Instruments, Automobile Parts, Communication Equipment, Industrial Robots, Packaging Materials for export etc. Prevent moisture and heat/cold temperatures.

BASIC PERFORMANCE

ITEMS	UNIT	DIRECTION	FIGURE	METHOD OF MEASUREMENT
Moisture Permeability	g/m ² - 24hr	-	0.3	JIS-Z-0208
Tensile Strength	kg/50mm (kg/15mm)	MD	52.0	JIS-L-1096
		CD	52.0	
Elongation	%	MD	25.0	JIS-L-1096
		CD	25.0	
Breaking Strength	kg/cm ²	-	7.5	JIS-P-8112
Sealing Strength	kg/15mm	-	3.0	Peeling Condition 200mm/min 180 degree
Oxygene Barrier	cc/m ² - 24hr	-	1.0	MOCON Method
Thickness	um	-	150	Dial Gauge
Weight	g/m ²	-	121	Precision Balance

GAUGE

WIDTH	LENGTH
1000mm	100m
1250mm	100m
1500mm	100m
2000mm (1000W)	50m
2500mm (1250W)	50m
3000mm (1500W)	30m