

Polythene Sheets

in landscaping applications

Introduction

Polythene sheet is a plastic sheet made of polymers of ethylene. Polythene sheets produced by Maple Leaf Plastic Industry serve a special purpose application, to act as a **weed-control membrane (WCM)** in landscaping and agricultural applications. Polythene sheets are also used as a **damp-proof membrane (DPM)** in concreting and screeding applications.

Why use polythene sheets?

Polythene sheets, also referred to as plastic sheets is a handy material to have around with many uses both inside and outside a home. They are water-resistant, flexible and extremely durable, therefore a very versatile type of protective covering.

Weed Control



The basic principle of weed-control is to kill weeds by preventing exposure to sunlight. **1200 Gauge (300 microns) Black polythene sheets** are ideal for this purpose as it acts as a sunlight blocker. In addition it also heats up the soil, increasing the rate of growth and breakdown of weeds and it keeps the moisture in all the way to the surface.

A farmer carefully lays down black polythene sheet surrounding the desired vegetation



Inquire at:

Whatsapp/Cell: +971 55 6513982 | Tel: +971 2 4281525 | Fax: +971 2 4281526

Email: sales@mapleleaf-plast.com

Web: www.mapleleaf-plast.com



Inquire at:

Whatsapp/Cell: +971 55 6513982 | Tel: +971 2 4281525 | Fax: +971 2 4281526

Email: sales@mapleleaf-plast.com

Web: www.mapleleaf-plast.com

Why Maple Leaf?



Maple Leaf Plastic Industry is a well-known name in the UAE when it comes to polythene sheets. We use reliable production processes and the toughest polymers for our sheets. Our sheets are tested and verified in accordance with ASTM-4397 standards for use as a vapor-barrier under concrete slabs, floors and walls. In addition our sheets are approved and relied upon by a large number of contractors (approvals available on request). Furthermore, we provide on-time site deliveries and reliable customer service at all times. At the same time we keep an open ear to customer suggestions and complaints to further improve our services.



Inquire at:

Whatsapp/Cell: +971 55 6513982 | Tel: +971 2 4281525 | Fax: +971 2 4281526

Email: sales@mapleleaf-plast.com

Web: www.mapleleaf-plast.com

Technical Datasheet

Physical Properties				
Thickness (micron / Gauge)		125 micron (500 Gauge)	250 micron (1000 Gauge)	300 micron (1200 Gauge)
Roll Width		4 meter	4 meter	4 meter
Roll Length		50 meter	25 meter	25 meter
Color		Clear / White / Black	Clear / White / Black	Clear / White / Black
Roll weight		23 kg	23 kg	27 kg
Technical Data				
Tensile Strength	(ASTM D 882)	16.95 N/mm ²	21.79 N/mm ²	24.30 N/mm ²
Elongation at break	(ASTM D 882)	713 %	1126.12 %	1348.36 %
Tear Strength	(ASTM D 1922)	> 76 N	> 95 N	> 105 N
Mass Per Unit Area	(BS EN 12311-1)	0.115 g/m ²	0.23 g/m ²	0.27 g/m ²
Water Vapor Transmission Rate	(EN 1931)	1.19 g/m ² /day	0.68 g/m ² /day	0.29 g/m ² /day



Inquire at:

Whatsapp/Cell: +971 55 6513982 | Tel: +971 2 4281525 | Fax: +971 2 4281526

Email: sales@mapleleaf-plast.com

Web: www.mapleleaf-plast.com