

# Heavy Duty Polyethylene Sheets For The Construction Industry

## HEAVY DUTY POLYETHYLENE SHEETS:

We offer Heavy Duty Polyethylene sheet of width up to 7.5 meters in thickness ranging from 100 gauge (25 micron) to 3000 gauge (750 microns). Heavy Duty Polyethylene Sheets are being used for several years in leading construction projects all over the Middles East as well as African countries involving Airports, harbours, road networks, defense, multi-story buildings, stadia, canal, and pond lining etc...

Heavy Duty Polyethylene Sheets are manufactured from 100% prime grade quality resin, complying to BS / American Standards.

## PHYSICAL & OTHER TECHNICAL CHARACTERISTIC

- The Damp proof courses of 500 micron or 200 gauges are manufactured as per British Standards in black or transparent colour.
- U.V. Stabilized to offer protection against ultra-violet radiation and thermo-oxidative degradation. (Where Specified).
- Shock Proof.
- Pierce-resistant.
- Very low permeability to water, Water vapor transmission at 25°C is maximum 0.05g/m<sup>2</sup>/2hrs.
- Offer high degree of resistance to corrosive effects of sulphates and chlorides of ground water and subsoil.
- Softening point about 115°C.
- Good impact, mechanical and creep strength.
- The sheets have excellent environmental crack resistance and do not get affected from -5°C up to +80°C.
- Manufactured from 100% prime grade resin.

THICKNESS	ROLL LENGTH IN MTRS	COLOUR
200 GAUGE / 50 MICRONS	2 X 100 MTRS	TRANSPARENT
300 GAUGE / 75 MICRONS	3.6 X 45 MTRS	TRANSPARENT
500 GAUGE / 125 MICRONS	4 X 50 MTRS	TRANSPARENT
800 GAUGE / 200 MICRONS	4 X 25 MTRS	TRANSPARENT
1000 GAUGE / 250 MICRONS	4 X 25 MTRS	TRANSPARENT / BLACK
1200 GAUGE / 300 MICRONS	4 X 25 MTRS	TRANSPARENT
1500 GAUGE / 375 MICRONS	2 X 50 MTRS / 4 X 25 MTRS	TRANSPARENT
2000 GAUGE / 500 MICRONS	2 X 50 MTRS / 4 X 25 MTRS	TRANSPARENT / BLACK
3000 GAUGE / 750 MICRONS	2 X 50 MTRS / 4 X 25 MTRS	TRANSPARENT / BLACK