



## HIND HYDROSHIELD PE

### PRODUCT DATA SHEET

#### DOUBLE LAYER POLYETHYLENE SEPERATOR

##### DESCRIPTION

**Hind Hydroshield PE** is a high performance double layered polyethylene film for construction use manufactured from a composite of high strength polymers to reduce friction between concrete and sub base, resulting to reduction of seepage from concrete to sub base and also prevents loose materials from entering the concrete. Due to its unique properties since it is made from 100% virgin polymer it plays a vital role in the infrastructures sector and is one of the best alternative product compared to the conventional LD films available in the market made from inferior quality reprocessed polymers.

##### AREAS OF APPLICATION

**Hind Hydroshield PE** can be applied in the following areas:

- Tunnels
- Tunnels
- Dams
- Projects
- Buildings
- Concrete Roads/Highways
- Runways
- Bunkers
- Swimming Pools
- Terrace Gardens
- Other underground civil structures.

##### FEATURES AND BENEFITS

- Environment friendly and 100% recyclable.
- Resistant to moisture.
- Available in rolls for easy laying.
- Non decaying.
- Long life expectancy.
- Low memory retention
- Resistant to root penetration and does not promote growth of bacteria and fungi.
- Flexible and can be cut to fit into any space and covers everywhere.
- Doble layered for double protection.
- Inert material hence has no effect of chemicals.

##### TECHNICAL INFORMATION

Thickness (In Micron)	Width (mm)	Tensile Strength (Kg/cm <sup>2</sup> )	Elongation %
50 ± 13%	1500 (+10, -0)	Min 75	Min 150
70 ± 13%	1500 (+10, -0)	Min 85	Min 180
90 ± 10%	1500 (+10, -0)	Min 90	Min 210
150 ± 10%	1500 (+10, -0)	Min 100	Min 275
200 ± 10%	1500 (+10, -0)	Min 100	Min 285

#### Available In

**Thickness – 50 micron, 70 micron, 90 micron, 150 micron and 200 micron**

**Width - 1500 mm**

**Length - 100 meters**

**Variants - UV stabilised**

**Colour – Natural (other colours available on request)**

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#### Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

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(AN ISO 9001: 2015 COMPANY)

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