



Pond



D. P. Wires Ltd.

An IS/ISO 9001:2015 Company

FACTORY :

16-18, Industrial Estate, Raillem-457 001 (M.P.) India
 Ph. 07412-261130, 260554, Fax. 07412-261174, 2606463, 7049913609
 Email- hemantkataria@rediffmail.com, vishal@dpwires.co.in

KOLKATA OFFICE :

Mr. Alok Banerjee (President)
 Ideal High Flat No. -3A Block-C 302 APC Road, Kolkata- 700 009
 Cell- 9051268965, Email- abanerjee07@rediffmail.com

DELHI OFFICE :

Mr. Pradeep Bhardwaj (Sr.GM)
 F-1/13, First Floor, Sector-15, Near NDPL Office, Rohini, Delhi- 110 089
 Cell- 06311186513/09650606789, Email- info.dpwl@gmail.com, jshankar@dpwires.com



D. P. Wires Ltd.

An IS/ISO 9001:2015 Company

HDPE & LDPE Geomembrane Sheet



Ashdyke reservoir



Mass volume reservoir





PROFILE :

D. P. Wires Ltd. is promoted by Kataria group of industries which is one of the leading steel wire and plastic products manufacturing organization in the country. Their technology and financial strength have placed the group in favorable position to meet the need of power , environments, Oil & Gas, civil , infrastructure projects and energy sector . Kataria Group started in operation in the year 1971. D. P. Wires is ISO 9001-2015 certified company and it is the flagship company of Kataria Group of industries having diversified product range in the field of steel wire, plastic product , HDPE/Pvc Pipe ,HDPE/LDPE Geomembrane wind power generation , construction and gold Jewellery. Through its vision of learning and constant innovation ,D. P. wires, has become a premiere source of supply in the industrial , agriculture, domestic power and infrastructure sector as a reliable supplier.
HDPE and LDPE/LLDPE Geomembrane/liner/Sheet/polyethylene's supplier of



Pond

HDPE and LDPE Geomembrane plays a vital role in Environment protection and has a wide range of application as under:

Lining Application :

- Landfills
- Landfill capping
- Hazardous waste containments
- Waste water treatment
- Secondary containments
- Aquaculture ponds
- Canals
- Potable water containments
- High capacity raw Water reservoirs and Fly Ash dyke
- Mining
- Tunnel
- Storage tanks
- Concrete protection
- Road construction



D.P. GEOMEMBRANE FOR LANDFILL LINING SOLUTION : featuring superior impermeability , tensile strength and strong resistance to puncture , environmental stress crack and up radiation ,D.P. geomembrane provides a long terms solution to the landfill containment . D.P. geomembrane is available in smooth and texture surface with standards black color. Usual the black colored geomembrane are used due to its longevity and its inherent properties against UV reflection.



Fly Ash dyke

D.P. GEOMEMBRANE FOR AQUACULTURE POND, CANAL AND WATER CONTAINMENTS :

Water conservation is one of the most important issue in the 21st century. DP Geomembrane's safe , nontoxic properties make it an ideal lining material for aquaculture pond , canal and water containment application. DP Geomembrane is resistant to the UV radiation under Exposed Environment in the long terms . However preferably geomembrane is applied under the protective layer of soil, Brick lining or concrete lining to enhance its longevity and performance for years and decades.



Canal

DP GEOMEMBRANE FOR HAZARDEOUS WASTE TREATMENT :

Hazardous waste management has always been critical in the Industries. DP Geomembrane is widely used for the hazardous material containments , waste water treatment, and mining leach , featuring strong chemical resistance, impermeability and flexibility. DP Geomembrane generates a durable and reliable environmental protection solutions.

D. P. GEOMEMBRANE FOR MINING APPLICATIONS :

Mining Application required the most reliable barriers for the containment lining systems. DP Geomembrane is prevailingly used as the highest quality , most durable and long lasting lining system for specialized mining needs.

DP Geomembrane is available in smooth and textured finishes to offer the best application on the horizontal and slopes respectively. The textured finishes retains the geotextile or soil in position on steep slopes.

DP Geomembrane being inert to any chemical, used successfully for may years as liners for mining leach pad.



Canal

ROAD CONSTRUCTION :

In concrete roads / bridges / slabs hdpe/LDPE Film plays a vital role to stop wastage of the cement sludge in the ground. LDPE Film act as a perfect barrier in between the soil and the concrete in roads. These Film also helps to strengthen the structure.





Capping



ETP Water Treatment



QUALITY POLICY:

D.P. manufacturing quality control policy is to adhere to the highest standard of the quality. All employees are required to strictly adhere to all published quality control standards at all times. Quality assurance is an attribute that must prevail among all employees and that attitude coupled with a strong quality control program, will ensure the highest quality product possible.

Quality control research laboratory performs concurrent testing to assure control over all products. The laboratory is also capable of supporting manufacturing product development and research needs. To this end D.P. is sensitive to quality assurance suggestion offered by plant and field personnel and welcome suggestions from its customers also.



High Density Polyethylene as per GM-13

D. P. Wires Ltd, HDPE Liner are produced from high density polyethylene resin resulting high quality premium grade, flexible liner. The product has been formulated to be chemical resistance, free from reachable, additive, and resistance to ultraviolet degradation.

Property	Test Method	Gauge (nominal)				
		500	750	1000	1500	2000
Thickness (micron)	ASTMD 5199,1593					
Thickness lowest individual value		450	675	900	1350	1800
Density g/cc(min)	ASTMD 1505/D792	0.94	0.94	0.94	0.94	0.94
Width(mtr)		7.00	7.00	7.00	7.00	7.00
Tensile strength at yield (N/mm)	ASTMD 6693 (@50mm/min)	7	11	15	22	29
Tensile strength at Break(N/mm)	ASTMD 6693 (@50mm/min)	14	20	28	40	53
Tensile Elongation at yield(%)	ASTMD 6693 (@50mm/min)	12	12	12	12	12
Tensile Elongation at Break(%)	ASTMD 6693 (@50mm/min)	700	700	700	700	700
Tear Resistance N	ASTMD 1004	62	93	125	187	249
Puncture Resistance	ASTMD 4833	160	240	352	480	640
Stress Crack Resistance 2 hrs	ASTMD 5397 (app)	300	300	300	300	300
Carbon Black content	ASTMD 1603	2.00-3.00	2.00-3.00	2.00-3.00	2.00-3.00	2.00-3.00
Oxidation Induction Time(min)	ASTMD 3895	100	100	100	100	100
Shear strength KN/m		7	10	14	21	28

a. MD and TD average values should be on the basis of the 5 test specimen each direction.



Poly House