Double Wall Corrugated HDPE Pipes Manufacturing Industry

<table>
<thead>
<tr>
<th>Parameter</th>
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<tbody>
<tr>
<td>Capacity</td>
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<td>Plant and machinery cost:</td>
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<td>Working Capital:</td>
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<tr>
<td>Rate of return(ROR):</td>
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<td>Break Even Point (BEP):</td>
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<tr>
<td>TCI:</td>
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<tr>
<td>Cost of Project:</td>
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Double Wall Corrugated HDPE Pipes Manufacturing Industry. Production of DWC Pipe for Drainage and Fiber Electric Cable Network

DWC Pipes or Double Wall Corrugated Duct Pipes are the ones, which are manufactured from the HDPE Materials and are designed specially to provide the cost effective solutions to the people. These DWC Pipes are far more superior in terms of technicality and holds several advantages over the other pipes currently in use.

The various properties of the DWC pipe make it the best product available in the category. With good corrosion resistance, the longevity of the pipes increases and also the wear and tear decreases. The product is regarded as the safest and chemically inert and is regarded completely safe in regard to environmental damages. Also, featuring a good impact strength, the DWC pipe has features the smooth inner wall and thus any losses due to friction is at minimum.

Double wall corrugated pipe or DWC pipe is slowly gaining its popularity for the construction purpose. Most of the companies prefer DWC pipes for the underground drainage system and fiber electric cable network. DWC is a low-cost product with the excellent quality solution.

Double Walled Corrugated Hide Pipe category demonstrates high growth prospects among leading plastic pipe resin categories. Double Walled Corrugated Hide Pipe downstream is wide, and the major fields are water supply, oil and gas, sewage systems, agricultural applications, etc. Increasing demand for water supply is expected to drive the demand for the Double Walled Corrugated Hide Pipe market.

The future aspects of the DWC Pipe can be judged from the following:

- Since, the demand of the underground ducting and piping in on the rise in the country, the future of the economical and sustainable ducting is on the rise.
- The future of the Corrugated pipes of this sort is thus bright, which are highly economical, environmentally safe
- As of now, the industry is still unorganized, but with the growth of the country and its GDP, the advent of the more organized players in the market, will push the future of the DWC Pipes Duct to the new and higher levels.

Uses

The use of the double wall corrugated pipe is on the rise. The industries involved in the use of such pipes are now more conscious on how to save bucks with the installation and use of the best products for their various activities. The double wall duct pipe features the corrugated shape and thus offer great strength in the compression resistance. The manufacturing of the double wall duct pipe requires almost the minimum raw material and thus the effect on the environmental aspects is greatly reduced.

Market Outlook

Global Corrugated Pipe market size will increase to Million US$ by 2025, from Million US$ in 2017, at a CAGR of during the forecast period. In this study, 2017 has been considered as the base year and 2018 to 2025 as the forecast period to estimate the market size for Corrugated Pipe.

The Double Walled Corrugated Hide Pipe Market is segmented on the lines of its Product, application and regional. Basis of Product is segmented into Small calibre type and large calibre type. Based on application it covers Architectural Engineering, Industrial field, Agricultural garden project and others.

HDPE Pipes Market:

The global HDPE pipes market was valued at $17,907 million in 2017 and is projected to reach $26,518 million by 2025, growing at a CAGR of 5% from 2018 to 2025.

Owing to the increasing application of HDPE pipes in various end use industries, the market for HDPE pipe is expected to witness substantial growth. The growth in demand from water irrigation systems in agricultural industry is expected to drive the growth of the HDPE pipe market. Rapid urbanization is
anticipated to increase the demand for water supply, leading to increase in requirement of HDPE pipes. Furthermore, growth in sewage disposal infrastructure fuels the demand for HDPE pipes. However, volatile raw material prices attributed to fluctuation in prices of crude oil is expected to hamper the market growth. Conversely, innovation and technological advancements in PE pipe provide future growth opportunities to the HDPE pipes market.

HDPE pipes market is to witness substantial growth with increasing application for the HDPE pipes in various end use industries. HDPE pipes are polyethylene thermoplastic pipes used to transit gas, water for agriculture irrigation, drinking water supply, in sewage systems and others. HDPE pipes are corrosion resistant and recyclable. Thus, seen as the replacement to various metal pipes. HDPE pipes are cost effective, light in weight and considered as a preferred choice over traditional metal pipes. The growth of global HDPE pipes market is fueled by growing demand from water irrigation systems in agriculture industry coupled with urbanization due to influx of middle class, resulting in upgrading, expansion and huge demand for infrastructural improvements and water supply across the globe.

Based on application, the High density polyethylene (HDPE) pipes market can be segmented into chemical/processing, water supply, gas distribution, telecom ducts, drainage & sewerage, and others. HDPE pipes are primarily used to supply drinking water. The non-corrosive nature of these pipes make them suitable for sewerage and sewage disposal. The global High density polyethylene (HDPE) pipes market has been expanding due to the rise in demand for these pipes in water irrigation systems in the agriculture industry and increase in urbanization owing to the growth in demand for infrastructure improvements and water supply across the globe.

In terms of geographical distribution, the global HDPE pipes is studies for five major regions namely, North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa.

Tags
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