



CALICUT PAPERS
waste paper collection company

WHY RECYCLE PAPER?

Recycling all types of paper and purchasing recycled paper products reduces the use of energy, water and raw materials that go into paper production.





When paper breaks down in landfill it creates methane , a major greenhouse gas with the global warming capacity 21 times more powerful than carbon dioxide.

Manufacturing paper and cardboard products from recycled material not only conserves trees, it also uses up to 50% less energy and water than making them from primary raw material. It is important to not only to recycle paper , but also to purchase recycled paper products. These days good quality office and printing paper, as well as many other paper products are available with recycled paper content of up to 100%.

For every 100 reams of recycled office paper that is printed double sided, the savings are estimated at two trees, more than one ton of greenhouse gases and a cubic meter of landfill space, compared with using 100 reams of non-recycled paper or printing single sided.

HOW PAPER IS RECYCLED

The most important step in paper recycling is recovery of used paper, the waste paper collected for recycling should be free from contaminants for effective recycling and resulting end products. So when disposing paper for recycling one should make sure it is free from food scraps, stickies ,plastic wraps, dirt etc. Waste paper types like newspaper , cardboards, writing paper ,envelops, notebooks, magazines are collected from residence associations, large commercial establishments ,printing press, offices etc and brought to material sorting center where these waste paper is segregated into various grades. These grades of paper are made compact by baling and transferred to paper mills for recycling.



At paper mills the received materials goes through strict quality checks to ensure the materials is free from contaminants and machine friendly for processing. Then these paper is broken down using either chemical means or mechanical means to free the fibres and create pulp. The ink from the paper is removed by De-inking technology .The pulp is then re-manufactured into paper products in a similar way to first production paper. The waste products left over from the recycling process called sludge is burnt for energy for the manufacturing process.

THANK YOU