

## Delivering Quality Automobile Solutions!



Time Technoplast Ltd. (TTL) manufactures value added plastic auto components through innovation and technology conforming to international standards. Its product range includes Anti Spray Flaps, Radiator Coolant Tanks, Fuel Tanks, Air Ducts, etc. The company through its network of multiple manufacturing facilities adopts the product and provides logistical and economical benefits. No wonder TTL is a preferred OEM vendor in India.

**TIME TECHNOPLAST LTD.**

Leading through Innovations and Technology

**Automotive Component Division**

# 3S Rain Flaps For A Safe Drive

Normally truck tyres when moving on wet roads throw up water creating poor visibility, in turn reducing vision. This creates a dangerous situation for overtaking and the vehicles following the truck. This problem has been realized in India and also in the western countries. Suitable regulations have been put in place to provide solutions to this problem.



Spray Suppression System (3S) Rainflaps designed by Time Technoplast Ltd. (TIME) is a perfect answer. These flaps consist of a unique surface formed by multiple tufts / grass blades with a strong and sturdy backing. This surface contains the water spray and reduces the pulverization of water thus limiting formation of water spray. It absorbs the kinetic energy and guides the water downwards.

The containment of spray improves visibility considerably when the trucks move on wet roads thus making travel safer.

Stringent tests carried out to evaluate the Spray Suppression System by independent research organization and have found the 3S performance meeting the norms of ECE / EEC (European) standards in addition to AIS 013 (Indian) norms. 3S Rainflaps have acquired homologation certificate.

Client list includes Tata Motors, Ashok Leyland, Eicher Motors, AMW....

**3S RAINFLAPS**

# The All-weather De-aeration Tanks / Radiator Coolant Tanks

Time Technoplast Ltd. now offers a range of high performance, dependable & longer lasting De-aeration Tanks (DAT). They are stronger, lighter in weight, corrosion resistant and more efficient to transfer the coolant.



This range of direct fit De-aeration Tanks are suitable for high and medium powered vehicles operating in high ambient temperature and is available in natural and high luster polished finish. Tests are carried out at the factory including Pulsation Test for a 'Million pulses' confirming quality to the IS standards and for the use of the tanks under most adverse and difficult conditions in different terrains.

**Tech DAT**



# Innovative Plastic Fuel Tanks

In the 1970s, all fuel tanks were made of steel. Today, estimates say that 85% of newly registered vehicles in Europe and over 70% of cars built in North America have plastic tanks. Due to the ongoing harmonization of Indian standards with that of European Union, Indian auto manufacturers have started offering vehicles fitted with plastic fuel tanks.

Time Technoplast has launched innovative plastic fuel tanks, which offer the following advantages over the conventional steel fuel tank:

- The special design allows maximum fuel holding capacity in a minimum amount of space.
- Its complicated shape optimally utilizes the vehicle space



## TECH TANK

- More 'crashworthy' because of their seamless design and ability to deform.
- Corrosion resistant
- Lightweight
- High puncture resistant
- Recyclable

Time's fuel tanks have already established themselves for tractor application suitable for diesel fuel. It is in the process of developing a range of multi-layer tanks suitable for passengers cars.

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### Automotive Component Division

**Corporate Office:** 2nd Floor, 55, Corporate Avenue, Saki Vihar Road, Andheri (E), Mumbai – 400072, Maharashtra, India.

Tel. : +91-22-7111 9500 / 9999 / 2803 9999 / 9700 | Fax : +91-22-2857 5672 | Email: [ttl@timetechnoplast.com](mailto:ttl@timetechnoplast.com) | Website: [www.timetechnoplast.com](http://www.timetechnoplast.com)

**Branches:** Bengaluru: Tel: 080-2660 8056 / 61 / 4150 6763 / 26677 646. Chandigarh: Tel.: 0172-2646 542 / 5076836. Chennai: Tel.: 044-2625 1764 / 2625 2252. Hyderabad: Telefax 040-2341 0003. Kolkata: Tel.: 033-6455 7566. Delhi NCR: Tel.: 0120 - 4393 838 / 40.

Vadodara: Tel.: 0265-2320668 / 2358742.