

**Natroyal Group Introduces
Phase Change Material for Heat Management
of PVC Leathercloth**



Major Problems in PVC Leathercloth

- In comparison to textiles, PVC and PU Leathercloth are generally not breathable and therefore over prolonged seating, sweat is produced and this sweat is trapped between the person sitting and the upholstery and it becomes sticky and hence uncomfortable.
- In non-Air Conditioned areas, particularly in summer, temperature of the PVC Leathercloth increases and the heat is transferred to the user.
- Due to the sweat, hygiene is also one of the problem.

OUTLAST TECHNOLOGIES LLC.

A division of Natroyal Group Company has tied up with OUTLAST TECHNOLOGIES LLC. to develop a state-of-the-art product for the Indian Market providing ...

UNIQUE CLIMATE REGULATION



The Origin

- Outlast technology was originally developed for NASA to protect Astronauts in space from temperature fluctuations.
- Outlast has the broadest range of Phase Change Material (PCM) textiles in the market offering smart solutions as the global leader.
- Outlast technology is the only PCM that carries the Certified Space Technology Seal. Worldwide, there are today only 40 companies that have received this award.
- Outlast products are the only textile application to also carry the honored induction into the Space Hall of Fame.

The Technology

- Patented Outlast technology enhances textiles by providing the benefit of proactive temperature regulation that manages heat and moisture in many textiles.
- Outlast technology absorbs, stores and releases heat for optimal thermal comfort.

The Benefits

- Not too hot, not too cold, but just right. Outlast temperature regulating textiles adjust to the skin's microclimate and offer more comfort through proactive heat management. When you manage temperature, heat and moisture you can feel just right, you can feel the Outlast difference.
- Active temperature regulation.
- Less overheating / Less Chilling.
- Less perspiration.
- More comfort.

THANK YOU !!