

SYNTHETIC RUBBER



WHAT IS SYNTHETIC RUBBER?

Synthetic rubber is a synthetic elastomer produced by the polymerisation process, usually derived from petrochemical sources. This material is formulated to mimic many of the flexibility, durability and other physical properties created by natural rubber. Synthetic rubbers can be diversified through the use of chemical compounds to meet specific industrial requirements.

SYNTHETIC RUBBER:

Flexibility and Durability: Synthetic rubber exhibits similar properties to natural rubber in terms of flexibility and durability. Thanks to these features, it offers long-lasting performance in various application.

Chemical Resistance: Synthetic rubber is resistant to chemical substances. This ensures that the material remains intact, especially when used in industrial environments.

Weather and Temperature: Synthetic rubber can generally be used in wide temperature ranges. This feature allows the material to be protected even in cold environments.

Water Resistance: Synthetic rubbers can be water resistant. This makes the material an ideal choice for underwater applications.

Energy Efficiency: Synthetic rubber can store or transfer energy more efficiently in some applications. This is advantageous in tyre products and other vibration absorbing applications.