

ABC SYNTHETICS PRIVATE LIMITED

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Products

- (a) ABCOFLEX PTFE CORRUGATED hose is constructed from heavy wall, seamlessly extruded virgin white or black conductive PTFE tubing. The convoluted tubing is reinforced with a heavy duty stainless steel wire braid and is supplied with fittings duly swaged by a precise micrometer controlled German crimping machine.
- (b) ABCOFLEX PLAIN PTFE has a smooth inner core of extruded white PTFE with stainless steel wire braid reinforcement, available ex-stock. The same is supplied with fittings duly crimped.
- (c) ABCOFLEX SILICONE hose is an ultra-flexible, high-purity Platinum-cured hose that is internally reinforced with polyester yarn and SS304 spiral wire for pressure as well as vacuum application. The hose meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9 and 3A standards.
- (d) ABC introduced for the first time in India, the high pressure THERMOPLASIC hoses for pressure up to 1600 bar. The same is supplied with specially designed fittings duly crimped.
- (e) Stainless Steel Corrugated hose is available in standards like BS 6501. The same is supplied with fittings as per customer requirement duly argon welded to the hose at our works.
- (f) ABC introduced Composite Hose for the first time in India in 1994. The type of hoses is supplied duly Swaged with fittings. They are suitable for tanker or ship to shore loading / unloading of fuels, oils, chemicals, acids, LPG, etc.

Receipt/Storage/Identification/Traceability

The ABCOFLEX Hoses from ABC Synthetics are made by contract manufacturers in Europe where all quality assurance procedures comply with ISO 9001:2008 and ISO 14001:2004.

Stock bars and flanges are bought and lab analyzed on sampling basis in our Gujarat factory. All materials are identified, given a special code and tagged prior to storing in specified area/rakes. We are following a system, checked and approved by a team of EIL engineers for identification, colour coding, numeric coding, traceability etc. All our end products and its components can be traced back to original supplies.

Welding / Filter wires are purchased from reputed manufacturers. Samples are tested in laboratory. They are stored in rakes after colour coding and only the approved welding material is used.

Approval / Inspection by

1. EIL
2. Bureau Veritas
3. PDIL
4. ISRO
5. Space Application Centre
6. R & D, Defense Labs
7. BHEL
8. NTPC
9. Consultants TOYO, UHDE
10. Kvaerner Powergas India
11. SAIL Steel Plants – Bokaro, Bhilai, ISSCO. Rourkela, Durgapur, Vizag
12. Atomic Energy Depts.
 - a) Heavy Water Projects, Kota / Manuguru / Talcher / Hazira
 - b) Nuclear Power Corpn, Kota / Tarapur / Kalpakkam / Narora / Kakrapara
 - c) Indian Rare Earths, Mysore