ARTH®
HOSES
ENGINEERED FOR PERFORMANCE

SAE J20 R4
AS:420:81: Mar:2014

COMPANY PROFILE

Engineering Rubber Hoses
for Automotive & Industrial
Applications



ENGINEERED SOLUTIONS | QUALITY ASSURED | ADVANCED MANUFACTURING | GLOBAL PRESENCE

TUTEJA INDUSTRIES INDIA

Manufacturer of EPDM Radiator & Coolant Hoses,
NBR Oil & Heat Resistant Hoses and
Custom Rubber Hose Solutions

ESTABLISHED 2012

2,700+ HOSE VARIANTS

SUPPLYING IN INDIA & EXPORT MARKETS

CUSTOMER FOCUSED.
QUALITY DRIVEN.
DELIVERY COMMITTED.

www.arthrubber.com

Company at a Glance

2012
ESTABLISHED

2,700+
HOSE VARIANTS*

ISO 9001:2015
CERTIFIED

6+
EXPORT MARKETS

Tuteja Industries India (Tii)

manufactures engineered rubber hoses under the ARTH® brand for automotive, tractor, commercial vehicle, generator, heavy-equipment and industrial applications. Established in 2012, the company has grown through product development, customer relationships and a quality-focused approach.

OUR PRIORITIES

Quality • Product Range • Timely Delivery

OE ORIENTATION

Application understanding • Customized development • Testing • Controlled production

Built Around Continuous Improvement

Our philosophy is straightforward: improve the quality, expand the range and deliver reliably.

Tii has grown through product development and customer relationships rather than relying solely on conventional marketing. The portfolio continues to expand across vehicle and equipment applications.

DESIGN & DEVELOPMENT MINDSET

Customized hoses can be developed from customer drawings or samples, with construction and material characteristics aligned to the intended application.

2012	**Company established**
Expansion	**Automotive & tractor range**
Development	**Drawing / sample based development**
Today	**Domestic + export portfolio**

Product Portfolio

Radiator & Coolant Hoses

EPDM solutions for cooling systems and demanding under-bonnet environments.

Fuel & Oil Hoses

NBR-based oil, fuel and heat-resistant hose applications.

Straight Lengths, Elbow & Reducer Hoses

Broad dimensional range for application-specific requirements.

R6 & Braided Transparent Fuel Hoses

SAE 30R6 (R6) Fuel Hoses for low pressure, fuel resistant lines & Braided transparent Fuel Lines for High Visibility for real time flow monitoring with braided strength for kink and pressure resistance,.

Flexible Hoses

Reinforced flexible hose constructions for vehicle and industrial applications.

Specialized Rubber Components

Air-cleaner boots, Gear-lever boots, Overflow pipes, Sleeves and other application-specific products.

CUSTOM DEVELOPMENT Hoses can be developed against customer drawings, samples and application requirements.

Applications & Market Segments

HCV / MCV / LCV

Cooling and hose requirements across commercial vehicle platforms.

Passenger Vehicles

Radiator and coolant hose applications.

Tractors

Agricultural and tractor cooling-system applications.

Generators

Hose solutions for generator sets and engines.

Heavy Equipment

Heavy earth-moving and machinery applications.

Industrial

Elbows, flexible hoses and customized rubber hose solutions.

Application fitment and performance should always be confirmed against the applicable customer/OE specification.

Quality Management

QUALITY IS A PROCESS — NOT ONLY A FINAL INSPECTION

The quality approach covers raw materials, compounding, manufacturing, in-process controls, testing and finished-product inspection.

Incoming materials
Controlled stage

Compound preparation
Controlled stage

Process control
Controlled stage

Testing & validation
Controlled stage

Final inspection
Controlled stage

Packing & dispatch
Controlled stage

ISO 9001:2015

Company materials identify Tuteja Industries (India) as ISO 9001:2015 certified. Certification documentation should be supplied to OE customers during formal supplier evaluation.

Testing & Product Validation

Tensile & Elongation

Mechanical property evaluation.

Hardness

Material hardness control.

Rheometer

Curing characteristics & compound development.

Specific Gravity

Compound consistency.

Heat Aging

Property changes after elevated temperature.

Burst Pressure

Pressure resistance of hose constructions.

Ash / Filler Analysis

Compound formulation support.

Application Validation

Simulated / real-world evaluation where applicable.

Testing scope should be selected according to the product, customer drawing/specification and intended application.

OE Development & Customization

01	**Requirement**	Drawing • Sample • Specification • Application
02	**Engineering Review**	Dimensions • Material • Pressure • Temperature
03	**Development**	Compound • Reinforcement • Construction
04	**Prototype**	Initial samples for evaluation
05	**Validation**	Testing against agreed requirements
06	**Production**	Controlled manufacture to approved specification

DRAWING / SAMPLE → DEVELOPMENT → VALIDATION → SERIES SUPPLY

Manufacturing Capability

ARTH’s manufacturing approach combines rubber compound preparation, hose forming and reinforcement processes with dimensional and performance checks.

Compounding

Rubber formulation and batch consistency

Extrusion / Forming

Controlled hose geometry and wall construction

Reinforcement

Polyester / nylon constructions as applicable

Moulding

Elbows, reducers, bends and shaped hoses

Curing

Controlled vulcanization

Inspection

Dimensional, visual and performance checks

Standards & Customer Requirements

ISO 9001:2015

Certified Quality Management & Process Integrity
We operate under a robust Quality Management System strictly aligned with ISO 9001:2015 standards. Every phase of our operations—from raw material sourcing and compounding to precision manufacturing and dispatch—is governed by standardized operating procedures, rigorous traceability, and systematic risk management. Our ISO-certified framework ensures consistency, operational transparency, and dependable quality across every production cycle.

SAE J20 R4 & AS:420:81 Mar 2014

Engineered for Reliability. Validated to SAE Standards.
We specialize in the precision manufacturing of high-performance coolant system hoses built in strict compliance with SAE J20 R4 specifications. Driven by a culture of continuous improvement, our manufacturing processes undergo rigorous, regular batch testing—including burst pressure thresholds, ozone resistance, and thermal aging. By combining standardized engineering with systematic quality audits, we deliver durable, leak-free fluid transfer solutions designed to excel in demanding engine environments.

CUSTOMER / OE SPECIFICATION

For OE programs, product specifications, validation requirements, PPAP/APQP expectations, change-control requirements and inspection standards should be agreed with the customer and treated as the controlling documents.

Why Partner with ARTH

Focused Expertise	Specialized in rubber hose applications across automotive, agricultural and industrial segments.
Broad Portfolio	Large range of hose variants supports multi-application sourcing and development.
Customization	Development from customer drawings or samples.
Testing Support	In-house testing capability with external support where required.
Quality Mindset	Process-oriented controls spanning materials, production, testing and final inspection.
Responsive Supply	Strong emphasis on product availability, packaging and timely delivery.

OUR COMMITMENT | Consistent quality • Technical responsiveness • Continuous improvement

LET'S BUILD THE RIGHT HOSE TOGETHER.

TUTEJA INDUSTRIES (INDIA)

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