



ERRECINQUE
Plastic and Rubber Hoses



TECHNOLOGY AND EXCELLENCE SINCE 1981

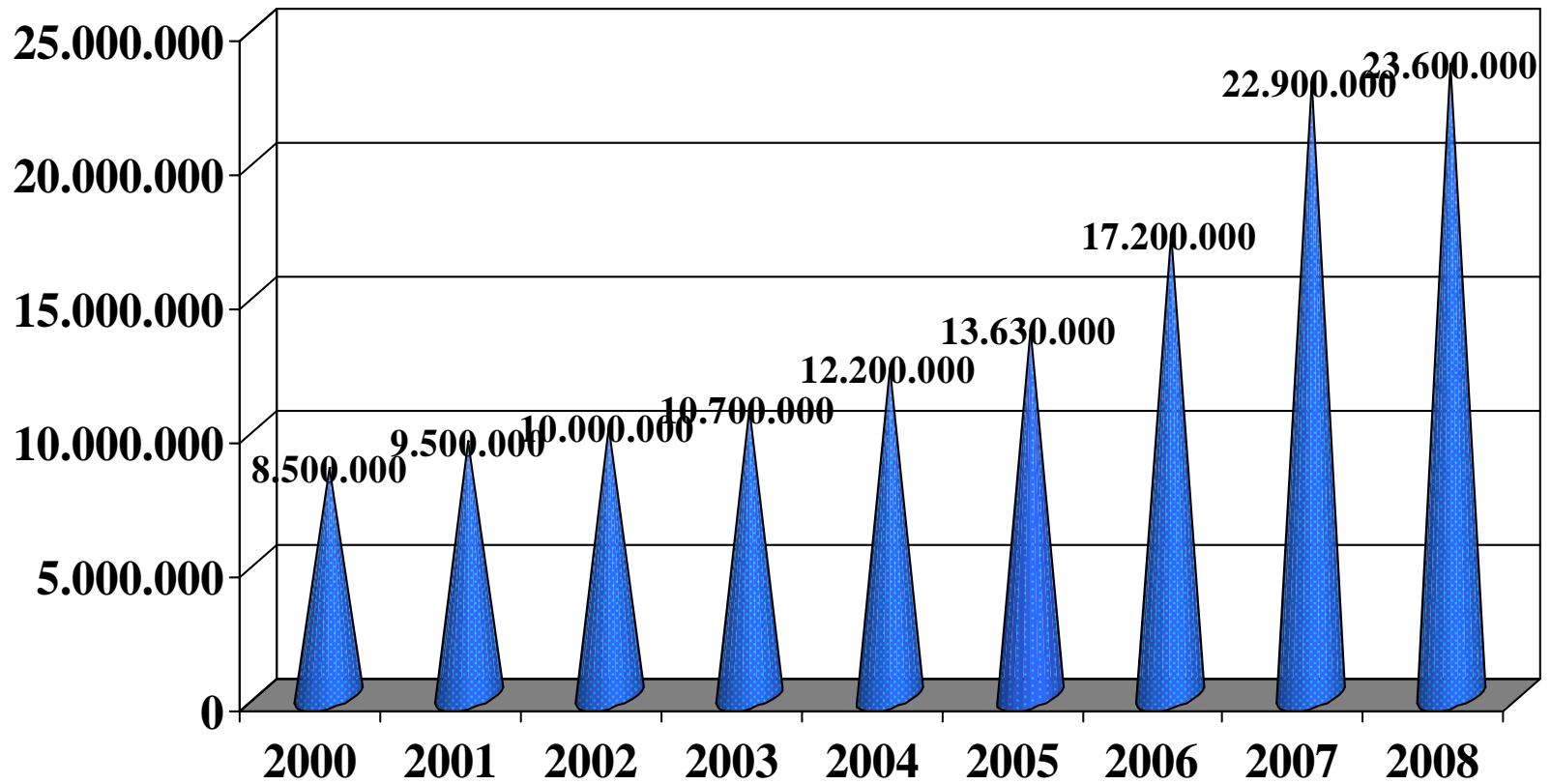
COMPANY PROFILE

- ☛ Errecinque S.r.l.
- ☛ Founded in 1981
- ☛ President and CEO: Piero LOVERA
- ☛ Number of employees in 2005: 160
- ☛ Turnover in 2008: € 23.600.000
- ☛ Certification: ISO 9001 and ISO TS 16-949
- ☛ Home page: www.errecinque.it
- ☛ Head office and main plant: Via Meucci, 31/A - 10040 Leinì (TO) - Italy
- ☛ Production unit in Cosenza: - Loc. Piano Lago - 87050 Mangone (CS) - Italy
- ☛ Production and sales unit in Bologna: Via Cimarosa, 55 - 40033 Casalecchio di Reno (BO) - Italy
- ☛ Production unit in Volpiano :Via Brandizzo, 176 - 10088 Volpiano (TO) - Italy

OUR MAIN CUSTOMERS



TURNOVER



CERTIFICATIONS



DET NORSKE VERITAS
ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No. / Certificato No. CERT-0467-2005-4E-2005-SINCERT
Si attesta che / This certifies that

IL SISTEMA GESTIONE AMBIENTALE DI / THE ENVIRONMENTAL MANAGEMENT SYSTEM OF

ERRECINQUE S.r.l.
Località Piano Lago - 87050 Mangone (CS) - Italy

È CONFORME AI REQUISITI DELLA NORMA EN ISO 14001:2004
CONFORME TO THE ENVIRONMENTAL MANAGEMENT SYSTEM STANDARD
EN ISO 14001:2004 (ISO 14001:2004)

Questo certificato è valido per il seguente campo applicativo:
This certificate is valid for the following product or service

Produzione ed assemblaggio di tubi in plastica e gomma per l'industria automobilistica e applicazioni di estrusione tubi (year e raccordi) e collaggio
Production and assembly of plastic and rubber tubes for the automotive industry & extrusion, corrugation, braiding and blow-molding technologies

Scopo e data /
Plan and date /
Agree Release: (M) 2005-07-01

per / Designation of Certifier /
to the Applicant /
Det Norske Veritas

Lead Auditor: RENATO D'APRILE
Numero EN 151 - 14




Lead Auditor: RENATO D'APRILE
Management Representative

Il sistema di gestione ambientale è conforme ai requisiti della norma EN ISO 14001:2004. Il certificato è valido per il seguente campo applicativo:
The environmental management system is conforming to the requirements of the standard EN ISO 14001:2004. The certificate is valid for the following product or service.



DET NORSKE VERITAS
QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. / Certificato No. CERT-0467-2004-02-2005-SINCERT
Si attesta che / This certifies that

IL SISTEMA DI GESTIONE PER LA QUALITÀ DI / THE QUALITY MANAGEMENT SYSTEM OF

ERRECINQUE S.r.l.
Via Mesici, 31/A - 18048 Lido (TO) - Italy
Località Piano Lago - 87050 Mangone (CS) - Italy

È CONFORME AI REQUISITI DELLA NORMA EN ISO 9001:2000 IN OTTESSIONE PER LA QUALITÀ
CONFORME TO THE QUALITY MANAGEMENT SYSTEM STANDARD
EN ISO 9001:2000 (ISO 9001:2000)

Questo certificato è valido per il seguente campo applicativo:
This certificate is valid for the following product or service

Produzione ed assemblaggio di tubi in plastica e gomma per l'industria automobilistica
Manufacture and assembly of plastic and rubber pipes for automotive industry

Scopo e data /
Plan and date /
Agree Release: (M) 2004-07-21


per / Designation of Certifier /
to the Applicant /
Det Norske Veritas Italia

Lead Auditor: Carl Meindl
Numero EN 151 - 14




Lead Auditor: CARL MEINDL
Management Representative

Il sistema di gestione per la qualità è conforme ai requisiti della norma EN ISO 9001:2000. Il certificato è valido per il seguente campo applicativo:
The quality management system is conforming to the requirements of the standard EN ISO 9001:2000. The certificate is valid for the following product or service.



DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE

Supplement to Certificate No. CERT 0080-2004-02-1000-LATF Rev. 1
LATF Certificate No. 001374
Page 1 of 1

Customer Specific Requirements:
INECO - Qualità delle forniture di materiali elettrici e meccanici (PCCO - IS, PAF)

Definizione: 7.2 Product Design

Address: Via Tondino and Sogno
Site: Address: Sogno
220322INCOE S.r.l. Località Pianello, Sogno
02048 Pianello (CN) Manufacturing

Business Location and Scope: None
Audit Conducted by DNV Office located in Turin, Italy

Il sistema di gestione per la qualità è conforme ai requisiti della norma EN ISO 9001:2000. Il certificato è valido per il seguente campo applicativo:
The quality management system is conforming to the requirements of the standard EN ISO 9001:2000. The certificate is valid for the following product or service.



DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE

Certificate No. CERT 0038-2004-02-1000-LATF Rev. 1
LATF Certificate No. 001374
Page 1 of 2

This is to certify that the Quality System of

ERRECINQUE S.R.L.
at
The Mesici, 31/A - 18048 Lido (TO) - Italy

Has been found to conform to the standard Specification
ISO / TS 16949:2002 Second Edition
having been audited in accordance with the
Rules for the registration scheme for ISO/TS 16949:2002. First edition.
This Certificate is valid for the following product/service range:
MANUFACTURE AND ASSEMBLY OF PLASTIC AND
RUBBER PIPES FOR AUTOMOTIVE INDUSTRY
(EXCLUDE CLAUSE 7.5 PRODUCT DESIGN)

Il sistema di gestione per la qualità è conforme ai requisiti della norma EN ISO 9001:2000. Il certificato è valido per il seguente campo applicativo:
The quality management system is conforming to the requirements of the standard EN ISO 9001:2000. The certificate is valid for the following product or service.

Plan and date:
Houston, Texas, 01 June 2004

for the Applicant Only
DET NORSKE VERITAS AS THE REGISTRAR, INC.
Houston, Texas, U.S.A.



Robert Egan
Management Representative
Inco Enelec Corporation, Inc.

This certificate is valid until:
04 March 2007



Initial Certificate Issue:
08 March 2004

Management Representative
Inco Enelec Corporation, Inc.

PLANTS

☛ TORINO (Head office and main plant)

- Extruded tubes in thermo plastic materials
- Thermo-formes hoses in thermo-plastic materials
- Hose assemblies in rubber and thermo-plastic materials
- Metallic parts

☛ COSENZA Plant

- Reinforced hoses with textile and metallic braid
- Co-extruded tubes
- Corrugated tubes
- Moulded parts

☛ BOLOGNA Plant:

- Thermo-plastic hoses, fittings and accessories for industrial refrigeration and air conditioning systems

○ VOLPIANO (TO) Plant:

- Moulded parts in rubber and Thermo-plastic materials

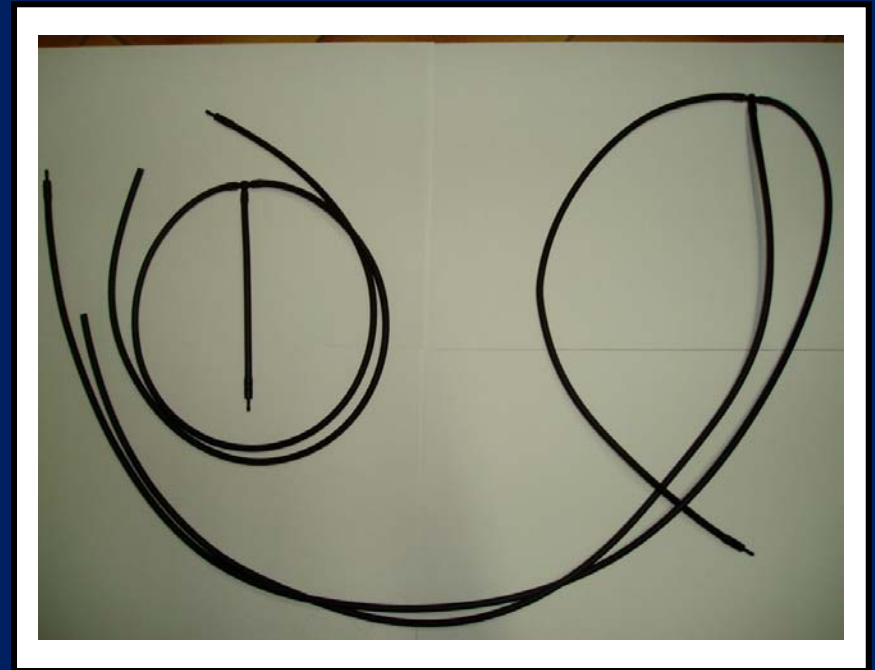
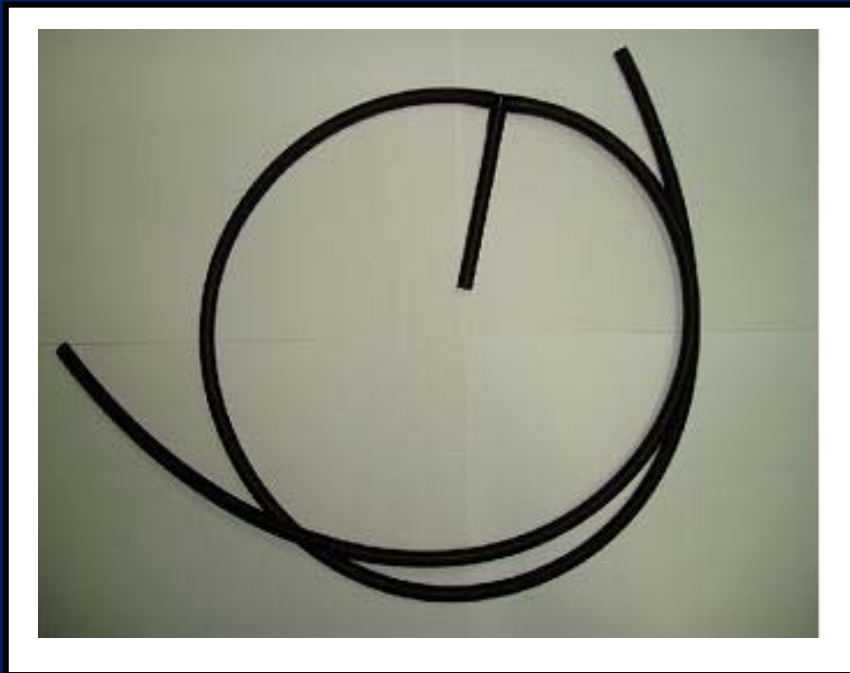
PRODUCTS AND APPLICATIONS

- ☛ Tubes for pneumatic systems on vehicles
- ☛ Tubes for pneumatic systems on industrial machineries
- ☛ Fuel vapour collection systems
- ☛ Fuel supply systems
- ☛ Tubes for lubrication systems
- ☛ Tubes for industrial compressors
- ☛ Tubes for high pressure oil-dynamic systems
- ☛ Tubes for aggressive fluids or high temperatures
- ☛ Tubes for engine cooling system
- ☛ Tubes for industrial air conditioning

TRUCK LINES

☛ LIGHT RANGE

- Windscreen wiper and headlight wiper hoses



TRUCK LINES

MEDIUM RANGE

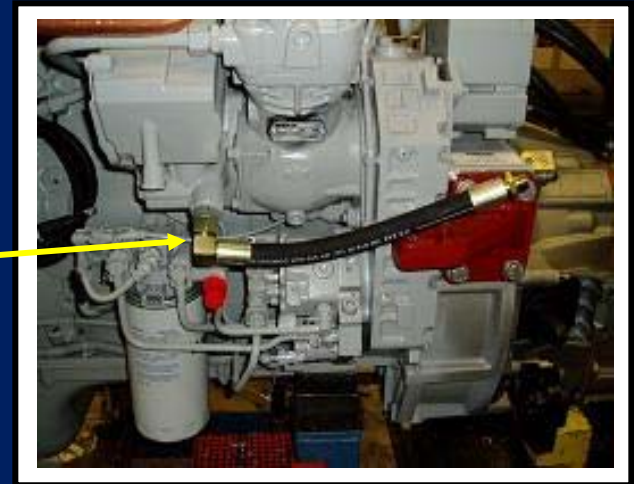
- Thermo-plastic tubes for air brake system
- Rubber hoses for braking system
- Thermo-plastic thermo-formed hoses for power steering system
- High pressure flexible hoses for power steering system
- Thermo-plastic hoses for outlet drier
- Thermo-plastic hoses for compressor outlet
- High pressure hoses for cab tilting system
- Thermo-plastic hoses for clutch system



TRUCK LINES

HEAVY RANGE

- Thermo-plastic tubes for air brake system
- Rubber hoses for braking system
- Thermo-plastic thermo-formed hoses for power steering system
- High pressure flexible hoses for power steering system
- Thermo-plastic hoses for outlet drier
- High pressure hoses for cab tilting system
- Thermo-plastic hoses for clutch system
- Hoses for high temperature oil conduction



MOTORCYCLE LINES

- FUEL HOSES



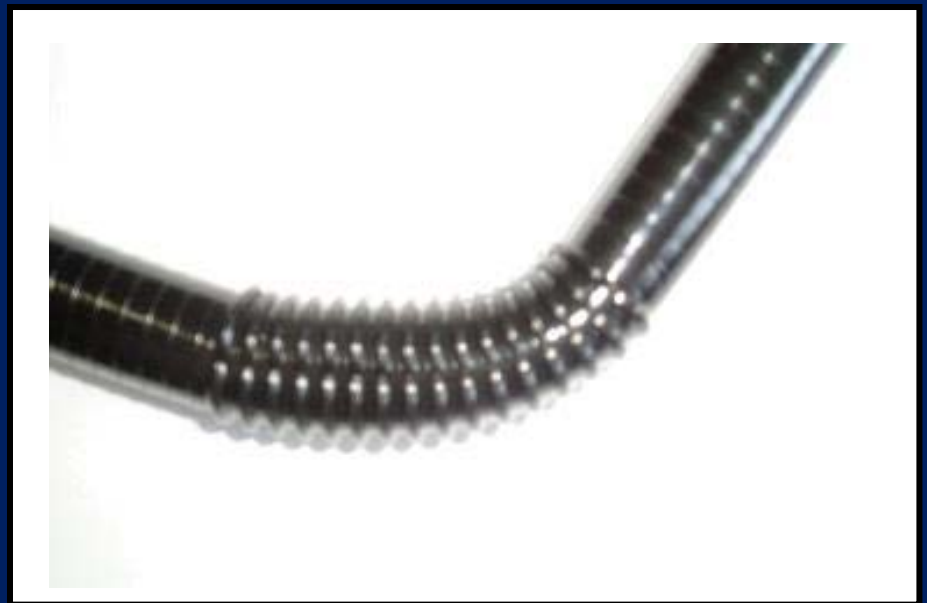
NEW PRODUCTS

- ENGINE COOLING HOSES

Corrugated, mono or multilayer, straight or thermo formed.

It can be manufactured either with already well known materials or with innovative, more performing and more economic ones.

Ongoing developments with Fiat and Ford



RUBBER MOULDING DEPT.

INJECTION AND COMPRESSION RUBBER
MACHINES FROM 45 TO 450 TONS



THERMO-PLASTIC INJECTION MOULDING DEPT.

PLASTIC IJECTION MACHINES
FROM 100 TO 1600 TONS



THERMO-PLASTIC BLOW MOULDING DEPT.



ENGINEERING CAPABILITIES

Our experience of over 20 years, together with our engineering skills, allow us to work in co-design with our customers on different types of vehicles and industrial machineries.

The co-operation with the world leader manufacturers of raw material, with whom we lead an intense research for the development of new products, brought us to achieve some important innovations in the automotive field.

In the following page are a few examples:

INNOVATIONS BROUGHT TO THE TRUCK INDUSTRY

- ☛ Substitution of material of extrusion of air brake pipes from polyamide to polyester (1991)
- ☛ Introduction and diffusion of thermo-formed hoses for layout optimisation (1993)
- ☛ Introduction of brake system assembly in substitution of single components(1998)
- ☛ Hydraulic clutch hose: from mixed solution (metal + rubber) to whole thermo-plastic material (1999)
- ☛ Thermo-plastic hoses for engine cooling system in substitution of metal solutions (1999)
- ☛ Introduction of compressor air hose in thermo-plastic material in substitution of copper hoses (2000)
- ☛ Power steering hose in thermo-plastic material in substitution of steel hoses (2000)
- ☛ Outlet drier hose in thermo-plastic material in substitution of steel hoses (2000)
- ☛ Fitting of clutch system hose simplification (2002)
- ☛ Modification of engine water hoses (2003-2004)

Products and tooling made according to the customer drawing

- Wheelhouses
- Battery case
- Ceiling light case
- Dashboard drawer
- Window draws
- Flashlight support
- Shock absorber support
- Under engine protection



MOULDED PARTS

1-2

Products and tooling made according to the customer drawing



CONTACTS:

Head office and main plant:

Via Meucci, 31/A – 10040 Leinì (TO) – Italy

Phone: +39-011-99.69.260 – 293 – 190

Fax: +39-011-99.69.243

Production unit in Cosenza:

Loc. Piano Lago – 87050 Mangone (CS) – Italy

Phone and fax: +39-0984-96.97.08

Production and sales unit in Bologna – air conditioning division

Via Cimarosa, 55 – 40033 Casalecchio di Reno (BO) – Italy

Phone: +39-051-61.33.358

Fax: +39-051-61.12.028

www.errecinque.it

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