We are Angst+Pfister

Dong Nai, 7 July 2026

Who we are?

Angst+Pfister Group is a leading developer, manufacturer and global supplier of sophisticated component and engineering solutions for a wide range of industries for over 100 years with the headquarter located in Switzerland. Angst+Pfister Group's value propositions are customized engineering solutions, enhanced procurement efficiency and optimized supply chain management.

APVN Sealing

Angst + Pfister Group has decided to establish a company in Vietnam, APVN Sealing, which is the state-of-the-art technology for sealing products, in engineering solutions, manufacturing, sales and after market services to automotive and general industry customers.

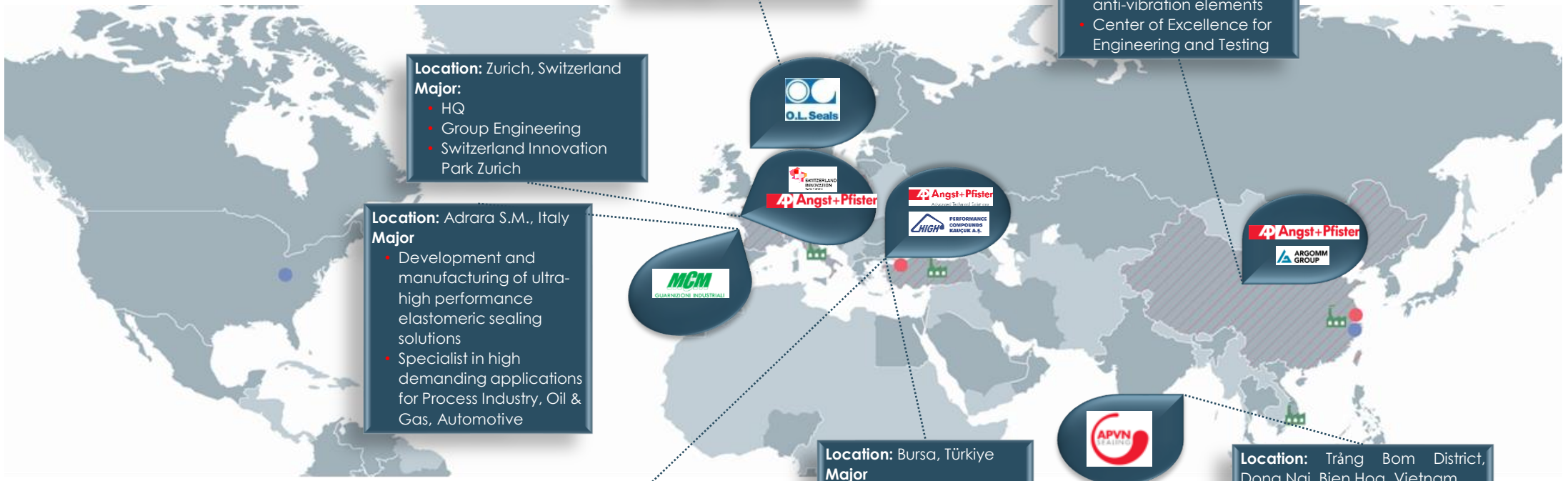
Angst + Pfister

Location: Helsinge, Denmark
Major:
- Technical engineering and manu-facturing of sealing solutions in PTFE and high-performance plastics
- Spring energised seals, rod & piston seals and back-up rings

Location: Huaping Intelligent Innovation Park, China
Major
- Start 21 injection moulding presses
- Design and production of anti-vibration elements
- Center of Excellence for Engineering and Testing

Location: Zurich, Switzerland
Major:
- HQ
- Group Engineering
- Switzerland Innovation Park Zurich

Location: Adrara S.M., Italy
Major
- Development and manufacturing of ultra-high performance elastomeric sealing solutions
- Specialist in high demanding applications for Process Industry, Oil & Gas, Automotive



Location: Bursa, Türkiye
Major
- Compounds development and manufacturing

Location: Bursa, Türkiye
Major
- Design and production of sealing and anti-vibration elements
- Center of Excellence for Engineering and Testing

Location: Trảng Bom District, Dong Nai, Bien Hoa, Vietnam
Major
- Development and manufacturing of high performance elastomeric sealing solutions
- Production of high demanding appli-cations for Process Industry, Oil & Gas, Automotive

Customer Platform
Sales and Engineering Units
Development Centre
Logistics Centre
Production / Partners

Angst+Pfister

Engineering teams in three R&D centers, closely connected with relevant & leading Universities and Material Sciences / R&D Labs

R&D Cooperation with universities and laboratories

- Swiss Federal Institute of Technology, Zurich / ETHZ
- Swiss Federal Laboratories for Materials Science and Technology / EMPA
- Technical University Delft, Netherlands
- FHZ Buchs CH
- WDK Institute for Rubber / Elastomers
- Laboratory Richter
- Further

Angst+Pfister @ Innovation Park

- Zurich, Switzerland
- Laboratory for test rigs
- Collaboration with Innovation Park Zurich, bringing together business and science

MCM High Performance Sealing

- Adrara, S.M., Italy
- Research and Development Center for Compounding – Sealing Technology

Angst+Pfister Advanced Technical Solutions

- Bursa, Turkey
- Center of Excellence for Engineering and Testing; Sealing and Antivibration Technology

300+ A+P Engineers

- ✓ Chemical Engineers
- ✓ R&D Engineers
- ✓ Quality Engineers
- ✓ Compound Development Engineers
- ✓ Product Application Engineers
- ✓ Test Engineers
- ✓ FEM Engineers
- ✓ CAD Engineers
- ✓ Process Engineers
- ✓ Production Engineers
- ✓ Data Science Engineers
- ✓ Sales Application Engineers
- ✓ Project Engineers

APVN Sealing - Vietnam

Location: Ho Nai Industrial Park
Total Area: 4672 m²
Workshop Area: 4000 m²

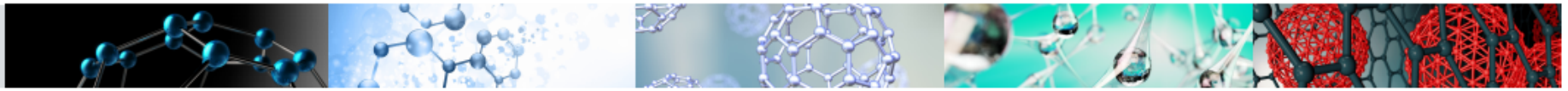
APVN Sealing

Material design and compounding	Engineering	Production	Supply Chain
Providing state-of-the-art material in terms of performance and certifications	Tailor made customer solutions and accelerating the time-to-money	Ensuring access to the most advanced and effective production capabilities	Improving working capital allowing customers to optimize their supply chain

Angst+Pfister

Angst+Pfister

Performance Compounds



Product (Short Identification)		Description (Including Main Features)	Material	Colour	Hardness [Shore A +/-5]	Temperature [°C] (Short-term)	Approvals & Conformities: Food: FDA	3-A Sanitary	EC 1935/2004	Dutch Commodities Act - Chapter 5 § 8	BfR	USDA	Foam Approval	EHEDG Type EL Class I	GSI 46/2011	Copper Ag BMC	GMCP/ES N°1/2011	Drinking Water: ACS/CSP	NSF 61	WRAS	KTW	DVGW W 270	DVGW W 534	DVGW BVGW-1	KIWA BRL-K17009	ÖNORM B 5500-1	AS/NZS	DIN EN 376/ÖVGW TPA	WRAS	Oil & Gas: API 6A	DVGW BVGW-1	DVGW 260	NORSOK M-710	Pharma & Medical: USP	Others: FDA Food Category	ASTM	BSMS BSI Publ. NSF/ANSI/CAN 61	Anti-Extrusion Rings: AS 568, SAE AS 4716, ISO 3601/1	Key Applications & Industries: Food & Beverage	Process Industry	Cleaning Valves	Pharma, Medical & Healthcare	Chemical Industry	General Mechanical Industry	Oil & Gas
EVOLAST®	EVOLAST® FH0896	EVOLAST® FH0896 is used for the Chemical Process industry. Excellent choice for use in aggressive chemical environments, providing a broad chemical resistance to different media such as acids, bases, water, steam, amines, solvent based chemistries. It is recommended as a multipurpose compound in all applications where fluid handling of different substances is required due to its excellent chemical resistance to a wide range of chemicals. Applied in valves, pumps, mechanical seals, sprayers, compressors, reactors.	FFKM	black	75	+15 to +275																																									
EVOLAST®	EVOLAST® FH0896	EVOLAST® FH0896 is ideal for a wide operational temperature range without compromising chemical resistance in valves, pumps, mechanical seals, sprayers, compressors, reactors. Excellent choice for use in aggressive chemical environments, when thermal resistance is also required, exhibiting outstanding high temperature stability and low compressionset.	FFKM	black	75	+15 to +330																																									
EVOLAST®	EVOLAST® FH0796	EVOLAST® FH0796 is designed for high temperature environments in Food & Beverage for valves, pumps, mechanical seals, sprayers, compressors, reactors applications.	FFKM	black	70	+15 to +270	X		X	X																							X		X			X	X		X	X			
EVOLAST®	EVOLAST® FB0796	EVOLAST® FB0796 is designed for valves, pumps, mechanical seals, sprayers, biomedical equipment, food equipment, fermenters.	FFKM	white	70	+20 to +270	X		X	X		X																					X		X			X	X		X	X			
EVOLAST®	EVOLAST® FH0775	EVOLAST® FH0775 is designed for the Chemical Process industry, especially for use with aggressive chemicals, not suitable for steam and amines. High temperature resistance and a low compressionset at continuous temperature up to 320°C.	FFKM	black	75	+15 to +320																																								
EVOLAST®	EVOLAST® FH0757	EVOLAST® FH0757 is designed specifically for the Chemical Process industry, where ultra low temperature capabilities are required. Excellent choice for use in aggressive chemicals, acids, bases, steam, amines, organic and inorganic media.	FFKM	black	75	+10 to +290																																								
KALREZ®	KALREZ® 0040	KALREZ® 0040 has excellent low temperature properties and high elasticity. This compound has been specially developed for applications where high chemical resistance at very low temperatures is required.	FFKM	black	70	+22 to +200																																								
KALREZ®	KALREZ® 6221	KALREZ® 6221 specially developed for the food and pharmaceutical industry. Resistance to CIP/SIP media is a feature of this material. Lowest extraction values in all common media of these industries complement the broad chemical resistance.	FFKM	white	70	+10 to +260	X		X																								X		X			X	X		X	X			
KALREZ®	KALREZ® 6230	KALREZ® 6230 specially developed for the food and pharmaceutical industries. Resistance to CIP/SIP media is a feature of this material. Lowest extraction values in all common media of these industries complement the broad chemical resistance.	FFKM	black	75	+10 to +260	X		X																								X		X			X	X		X	X			
KALREZ®	KALREZ® 6375	KALREZ® 6375 offers excellent performance in contact with a wide range of chemicals and over a wide temperature range. The product is an excellent choice for applications in acids.	FFKM	black	75	+20 to +275																																								
KALREZ®	KALREZ® 6379	KALREZ® 6379 is a black, unstilled compound and a reliable sealing material for the chemical industry. This material has been specially developed for high temperature applications.	FFKM	black	75	+10 to +316																																								
KALREZ®	KALREZ® 7075	KALREZ® 7075 has excellent mechanical properties and a very low compression set, even at extreme temperatures. This compound was developed especially for the chemical industry, which has to reliably seal highly aggressive media at very high temperatures.	FFKM	black	75	+10 to +327																																								
PERTICE®	PERTICE® CIP FKM 75.501-07 NFS	PERTICE® CIP FKM 75.501-07 NFS was developed for use wherever the Cleaning in Place (CIP) or Sterilisation in Place (SIP) process is used. Broad resistance to chemicals, cleaning media and also to high temperatures and grease concentration. PERTICE® CIP FKM meets all the necessary regulations for the food, pharmaceutical and medical industries. Low elution compound for dynamic applications.	FKM	dry-blue	75	+15 to +200	O	O	O	O		O	O	O	O	O	O	O	O													O				O	O	O	O	O	O	O		O	O			
PERTICE®	PERTICE® UP FKM 75.501-07 B NFS	With PERTICE® UP FKM + UP means "Ultrapure" a Angst + Pfister has developed a new higher-performance material of the PERTICE® family which is especially suitable for applications where absolute purity of the material is indispensable and has the most important approvals in the food sector.	FKM	black	75	+20 to +200	O	O	O	O		O	O	O	O	O	O	O	O			O		O							O	O				O	O	O	O	O	O	O	O	O	O	O	O
PERTICE®	PERTICE® UP VMQ 50.501-03	With PERTICE® UP VMQ + UP means "Ultrapure" a Angst + Pfister has developed a new higher-performance material of the PERTICE® family which is especially suitable for applications where absolute purity of the material is indispensable and has the most important approvals in the food sector.	VMQ	translucent	50	+40 to +200	O	O	O	O		O	O	O	O	O		O					O	O								O				O	O	O	O	O	O	O	O	O	O	O	O
PERTICE®	PERTICE® UP VMQ 70.501-01	With PERTICE® UP VMQ + UP means "Ultrapure" a Angst + Pfister has developed a new higher-performance material of the PERTICE® family which is especially suitable for applications where absolute purity of the material is indispensable and has the most important approvals in the food sector.	VMQ	translucent	70	+40 to +200	X	O	X	X		X	X	X	X	X		X					X	X								X				X	1	X	X	X	X	X	X	X	X	X	X
PERTICE®	PERTICE® UP HNBR 75.501-01	This new ultra pure HNBR is designed for food and beverage application. Depending on the application, this compound could be a FFKM free alternative and can also be used in CIP/SIP applications.	HNBR	black	75	+10 to +150	O			O	O	O	O	O	O	O		O																		O	O	O	O	O	O		O				
PERTICE®	PERTICE® UP EPDM 70.503-01	This EPDM material with most relevant approvals for food has good media resistance to brake fluids, acids and alkalis, the flame-retardant hydraulic fluids HFC and HFD as well as hot water, steam and CIP medias but is not resistant to mineral oils and greases, petrol and hydrocarbons.	EPDM	black	70	+10 to +150	X			X	X	X	X	X	X	X		X																		1	X	X	X	X	X		X				
PERTICE®	PERTICE® UP EPDM 80.503-01	This EPDM material with most relevant approvals for food has good media resistance to brake fluids, acids and alkalis, the flame-retardant hydraulic fluids HFC and HFD as well as hot water, steam and CIP medias but is not resistant to mineral oils and greases, petrol and hydrocarbons.	EPDM	black	80	+10 to +150	O			O	O	O	O	O	O	O		O																		O	O	O	O	O	O		O				
EPDM	EPDM 60.50-01	Peroxide crosslinked slightly softer EPDM material with approvals for drinking water.	EPDM	black	60	+10 to +130	X												O	X	X			X								X					X				X				
EPDM	HITEC® EW EPDM 70.503-02	This EPDM material with most relevant approvals for drinking water (including new KTW/ÄVGW) has good media resistance to brake fluids, acids and alkalis, the flame-retardant hydraulic fluids HFC and HFD as well as hot water and steam + but is not resistant to mineral oils and greases, petrol and hydrocarbons.	EPDM	black	70	+17 to +150	X	X	X	X		X	X		O	O			X	X	X			X	X	X	X	X	X	X					X	1	X	X	X	X	X	X	X	X	X	
EPDM	EPDM 70.503-03	This EPDM material with many approvals for drinking water and foodstuffs has good media resistance to brake fluids, acids and alkalis, the flame-retardant hydraulic fluids HFC and HFD as well as hot water and steam + but is not resistant to mineral oils and greases, petrol and hydrocarbons.	EPDM	black	70	+11 to +150	X	X		X					O		O	X	X	X			X	X	X	X		X	X					X		X			X	X	X	X		X		
FKM	FKM 70x501-05	FKM material for low temperature applications with very good resistance to media, ozone and ageing.	FKM	black	70	+20 to +200																														X				X	X						
FKM	HITEC® FKM 75-16.04	The HITEC® FKM has a very good resistance to media, ozone and ageing and the association is specially designed for food, gas and pharmaceutical applications. The material is also resistant to fuels, mineral oils and greases as well as aliphatic and aromatic hydrocarbons.	FKM	black	75	+23 to +200	X			X		X			O	O															O		X		X	2	X	X	X	X	X		X	X	X	
FKM	FKM 75-16.18	FKM material for high temperature applications with very good resistance to media, ozone and ageing.	FKM	black	75	+23 to +250 (270)																														X							X	X			
FKM	FKM 83-501.01	FKM material for low temperature applications and high pressure with very good resistance to media, ozone and ageing.	FKM	black	83	+10 to +200																														X									X	X
FKM	FKM 90-15.04	FKM material designed for oil and gas applications and meeting NORSOK M710 approval (explosive decompression) and NACE TM0 187 for sour gas.	FKM	black	90	+30 to +225 (250)																										X				X									X	X
FVMQ	FVMQ 70.36-01	Fluorosilicone material with excellent low temperature properties and broad chemical resistance. Meets automotive standard ES52(ISO/FDIS 3302[M6/7])3 part 1\1/2\1/2) and military MIL-DTL-25988C Class 1 Type II Grade 70 11-06-04.	FVMQ	blue	70	+40 to +200																										X				X							X	X	X	
HNBR	HNBR 70-10.09	HNBR material with good ozone and ageing resistance as well as hot water and various oils. This mixture has the required gas approvals.	HNBR	yellow	70	+10 to +150																										X	X			X									X	X
HNBR	HNBR 70-15.06	HNBR material for low temperature applications with good ozone and ageing resistance as well as hot water and various oils.	HNBR	green	70	+15 to +150																														X									X	X

Co – Design

Design Input → Dimensioning and Material Choice → Internal Stress and Strain Status → Assembling Force → CAD Model and Drawing

CAD

SOLIDWORKS

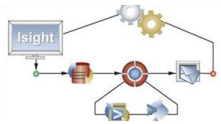
CATIA

NX

Finite Element Analysis

SIMULIA ABAQUS

TOSCA STRUCTURE



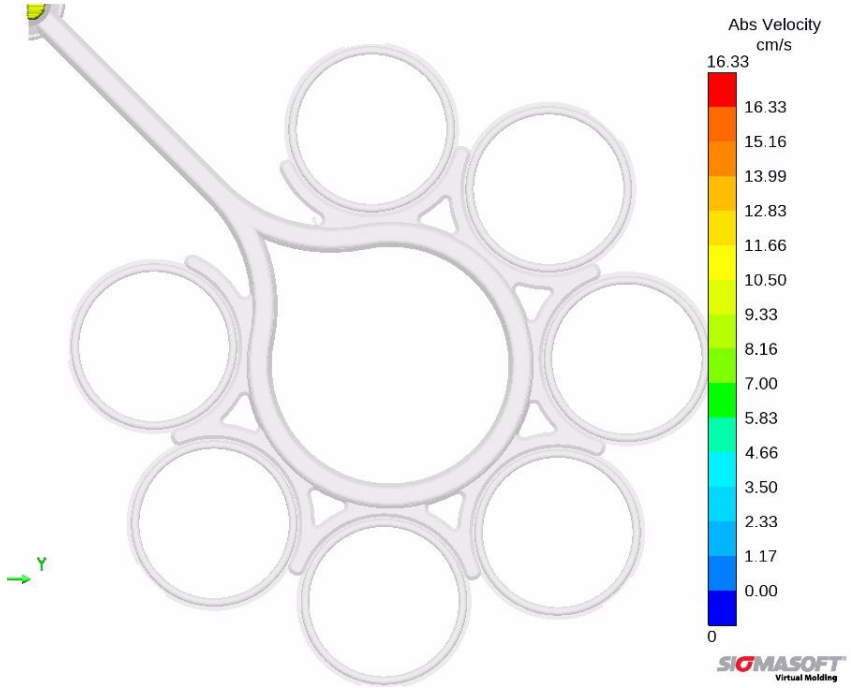
fe-safe

Production Engineering (Flow simulations)

SIGMASOFT Virtual Molding

Numeric Development Software

MATLAB



Production Flow

Tooling → Compounding → Vulcanization → Cold-Deflashing → Post-curing → Manual or Automatic inspection → Surface Coating → Packaging & Storage

Starting from the vulcanization process until the end, state-of-art machinery will be used to ensure a competitive production platform for mid & high-volume series.

INJECTION MOULDING PRESSOR – **IMG (ITALY)**

CRYOGENIC DEFLASHING MACHINES:

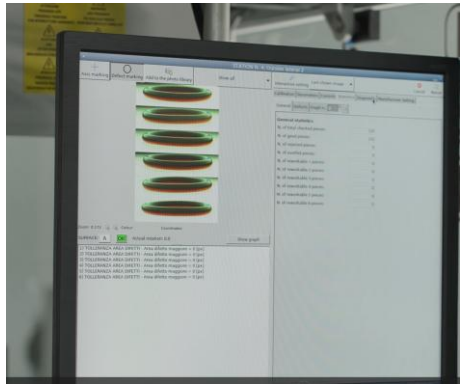
- **SIRSI METALLISATOR (ITALY)**
- **SIG-MAC (ITALY)**

TUMBLING MACHINE: **SIG-MAC (ITALY)**

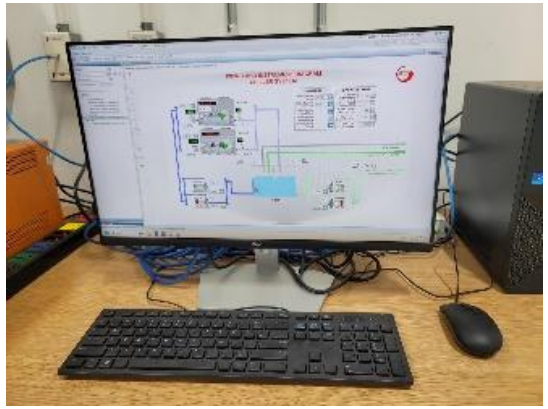
WASHING MACHINE: **SIG-MAC (ITALY)**

POST CURING OVEN: **FOR LAB (ITALY)**

AUTOMATIC INSPECTION MACHINES: **UTP VISION (ITALY)**



ULTRASONIC MOLD CLEANING MACHINE:
KKS Ultraschall AG (SWITZERLAND)



Angst+Pfister

What we can do?

Material expertise

Moulded Parts

Co-Design

O/X-Rings

Technical Gaskets

Industry approvals expertise

State-of-the-art production

A wide range of engineered and standardized components for sealing applications

Automotive Industry

Automotive

E-Bike

General Industry

Process Industry

Food and Beverage Industry

Pharma and MedTech Industry

Industrial Machinery

White Goods

Marine

Oil and Gas Industry

Railway Industry

Agriculture and Construction Industry

Certifications

TÜVNORD

CERTIFICATE

Management system as per
ISO 9001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

APVN SEALING COMPANY LIMITED
Factory D-01 and D-02, Street No. 6, Phase II, Ho Nai Industrial Zone,
Phuoc Tan Ward, Bien Hoa City,Dong Nai Province
76173
Vietnam

operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

Design and manufacture of rubber product

Certificate Registration No. 44 100 083522-001
Audit Report No. TR 989

Valid from 2024-02-16
Valid until 2027-02-15
Initial certification 2024

Certification Body
at TÜV NORD CERT GmbH

Istanbul,2024-02-16

TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.com

IAF DAkkS Deutsche Akkreditierungsstelle D-ZM-12007-01-00

TÜVNORD

APVN SEALING COMPANY LIMITED
Factory D-01 and D-02, Street No. 6, Phase II, Ho Nai Industrial Zone,
Phuoc Tan Ward, Bien Hoa City,Dong Nai Province
76173
Vietnam

TÜV NORD CERT GmbH
Am TÜV 1
45307 Essen
Germany

with the remote functions according to appendix

Letter of conformance

Date: the 14-02-2024

Dear Ladies and Gentlemen,

Following the certification audit on the Quality Management System of your organization we assessed he corrective actions and the non conformities are closed. We are pleased to communicate to you that he Quality Management System with the defined Scope **Design and manufacture of rubber product** complies with the requirements of the Standard IATF 16949:2016

Nevertheless, the Rules for achieving and maintaining IATF recognition, 5th edition for IATF 16949:2016 November 1st 2016, clause 5.14 et seq., do not allow us to issue a certificate due to the act that there is (either) less than twelve (12) month of production resp. less that twelve (12) month internal or external performance data for automotive production and / or service parts in the scope of certification.

Whenever your organization will reach this twelve (12) month of production or will be able to show that is still on an active bid list for or have received a contract from a customer requiring IATF 16949:2016 certification, TÜV NORD GmbH will continue with the certification process according to the rules for achieving IATF recognition.

Moreover we inform you that this letter of conformance is valid for a twelve month period:

IATF LoC number 0500808
Certification body LoC number 44111071251002

valid from: the 14-02-2024
valid to: the 13-02-2027

Therefore, the next audit to your company shall be done within this period resp. before the valid date of this Letter of conformance.

Best regards

Certification Body
TÜV NORD CERT GmbH

TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.de

13F210e page 1/2 Rev. 06/06.2021

intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

APVN SEALING COMPANY LIMITED

Main Site: Factory D-01 and D-02, Street No. 6, Phase 2, Ho Nai Industrial Zone, Phuoc Tan Ward, Bien Hoa City, Dong Nai Province, Vietnam.

has been assessed and registered by Intertek as conforming to the requirements of:

GMP – Good Manufacturing Practice in the HACCP – INTERNATIONAL CODE OF PRACTICE GENERAL PRINCIPLES OF FOOD HYGIENE CXC 1-1969, Rev. 2020

The management system is applicable to:

Manufacturing of Rubber parts for use in the food industry and in the drinking water applications

Certificate Number:
FS-VNM-24-05/GMP

Date of audit:
22 April 2024

Certificate Issue Date:
20 June 2024

Certificate Valid Date:
20 June 2024

Certificate Expiry Date:
20 June 2027

GMP CERTIFICATION TM

intertek

Signature

Truong Pham Mai Thuy
Certification Manager

Intertek Vietnam Limited
Business Assurance Business Line
Level 6, Lobby D, S.O.H.O. Biz Building,
No. 38 Huynh Lan Khanh Street, Ward 2,
Tan Binh District, HoChiMinh City, Vietnam

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.

CT-HACCP-EN-05.Mar.18

References

ASTON MARTIN
ASTON MARTIN

AMG

BENTLEY

PORSCHE
PORSCHE

ROLLS
ROYCE

DAIMLER
TRUCKS & BUSES

Audi

LAMBORGHINI

Ford

RENAULT

MAGNA

MAN

BMW

WABCO

ZF

ThyssenKrupp

AUTOMOTIVE
LIGHTING

Valeo

MAGNETI
MARELLI

MERITOR

Continental

References

AREVA
BAVELLONI
Danfoss
NedTrain
arçelik
beko
BASF
Faiveley
TRANSPORT
Saeco
International Group
Atlas Copco
BOSCH
HILTI
SANDOZ
ABB
CLAAS
LIEBHERR
SIEMENS
AnsaldoSTS
CNH
Carrier
ALSTOM
BOMBARDIER
Continental
Roche
SNCF
Barmag | Saurer
DemirDöküm
TürkTraktör

We are happy to support you

Angst+Pfister Group | APVN Sealing Co., Ltd.
Factory D1 D2, Street No.6, Phase II, Ho Nai Industrial Zone, Phuoc Tan Ward, Dong Nai Province, Vietnam

Michele Pham (Mr.)
Business Development Manager
Michele.pham@apvn-sealing.com
M. +84 903 735 413

Thank You

Tan Uyen District
Huyện Trảng Bom
uyện Bến Cát
Vinh Cuu
District
Huyện Thống
ã Thủ Dầu Một
Bien Hoa
Huyện Củ Chi
Biên Hoà
Xã Đồi 61
Huyện Thuận An
Thị Xã
Huyện Hóc Môn
Huyện Dĩ An
Quận Gò Vấp
Long Thanh
District
Ho Chi Minh City
Saigon
Sông
Đồng
Nai
Quận 7