

AVCO VIETNAM LIMITED
PROFILE

AVCOchem[®]

ULTIMATE BOND & BEYOND



ABOUT US

Since 1973, AVCOchem has taken pride in producing high-quality chemicals to cope with the textile industry needs and changes.

Through our focus on our core values, continuous innovation and exceptional service and rigorous delivery we strive to constantly increase customer satisfaction and provide added value to client relationships.

Our teams are working at developing innovative and sustainable products to contribute to our customers' success, and to preserve the natural resources.

We are concerned with the smallest details to assure the best exchange of knowledge and experience with our customers.

MISSION

Our Mission is to put all our efforts together to achieve the goals we care about:

Sustainability: We respect the environment and use harmless chemicals in our formulations

Dynamism: On time delivery with maximum flexibility in supply.

Technical: High standard Technical service team is Avco's most valuable asset.

Service: Field level implementations, customized solutions, and quick response to customer needs.

Flexibility: Customized development, tailor made products, according to customer changing needs

CORE VALUE

AVCO Accountable: We are responsible, we do the right chemistry to exceed the customers' expectations.

AVCO Authentic: We are genuine, we are transparent, and we create partnerships.

AVCO Passionate: We are committed to excellence in every product we produce, and we thrive on meaningful work.

AVCO Curious: We are relentless problem solvers, unafraid to challenge assumptions by being creative and forward-thinking.





OUR HISTORY SINCE 1973

**Established in 1973 by Avner Cohen and
Zeev Lahat.**

1987:

Avco SA Set up of production plant in South Africa.

1990:

Expansion of the plant - Modern reaction vessels, new storage and packing facilities. Set up of international network of sales and distribution agencies: UK, USA France, Belgium, and Portugal

1990:

Development of a full range of environmental friendly, bio- degradable "green" products.

1994:

Avco received Outstanding Exporter Award for 1994 in the field of chemistry from the Israeli Ministry of Industry & Trade.

1996:

Formation of Avco Turkey.

1997:

ISO 9002 and IQ Net total quality management certifications.

1997:

AvcoMex – Set up of production plant in Mexico.

2000:

Production expansion polymerization plant – emulsions, dispersants thickeners and adhesives to paint, construction, textile and construction.

2002:

Establishment of CHEMIART, raw materials trading company.

2004:

Acquisition of Chemiprint – manufacturer of consumable products for the printing and flexible packaging industry with over than 30 years of experience.

2004:

Avco launched a new I&I laundry and homecare cleaning product range.

2005:

Manufacturing & Technical Service Center was established in Viet Nam

2005:

QIZ trade agreement Avco open sales and marketing offices in Egypt and Jordan.

2010:

AvcoBrazil – set up modern production plant in Fortaleza Brazil.

2014:

Avcochem received leading Exporter Award under QIZ agreement to Egypt textile industry

2015:

Bluesign System Partner

2016:

Expansion of manufacturing capacity in Viet Nam to double

2023:

Certification of ZDHC Level 3 MRSL version 3.1 & GOTS 7.0



FACTORY

AVCO Viet Nam since 2005

Located in Road No. 2, Nhon Trach 1, Industrial Park, Phu Hoi Commune, Nhon Trach District, Dong Nai, AVCO Vietnam Factory is an integral part of

AVCO Group's global manufacturing network. Manufacturing covers:

- Polymerization
- Emulsification & homogenization
- Pigment Dispersion & Milling
- Powder Compounds
- High viscosity paste
- Functional Blending & Formulating



Annual Production Capacity

30.000 tons

Total Employees

100+

Product Portfolio

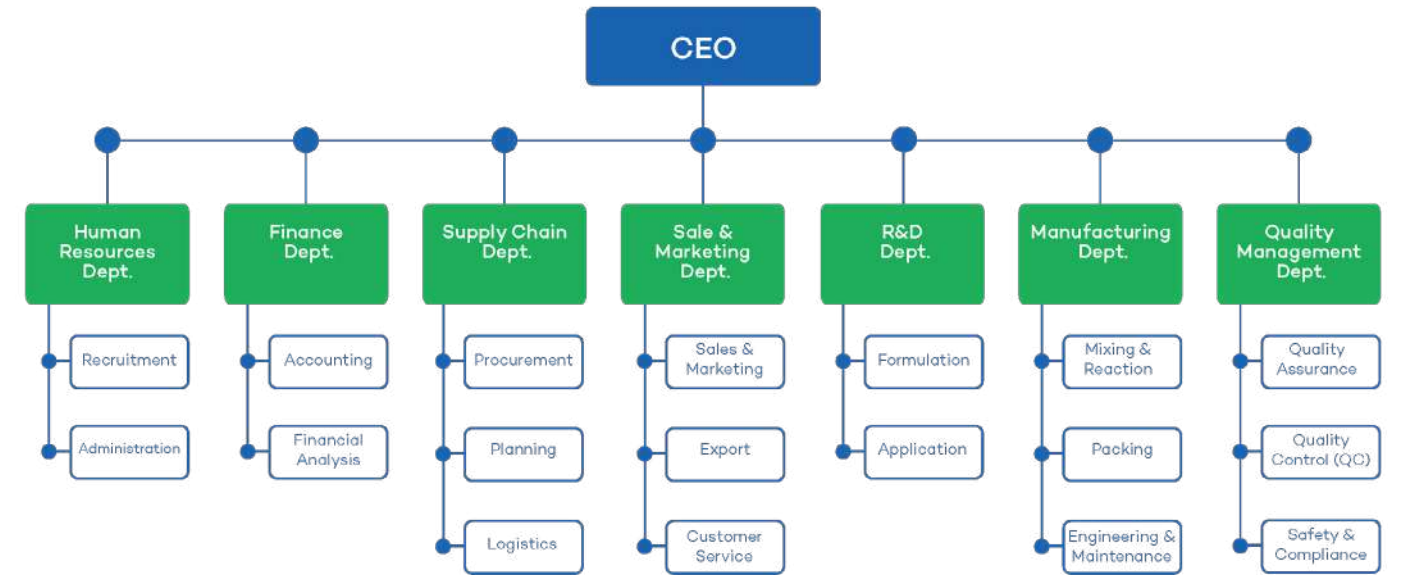
Full range of textile Auxiliaries

1,000+ product lines

Markets served

Viet Nam, Bangladesh, Thailand, Indonesia, Korea, China, USA, Israel

THE DRIVING HUMAN FORCES



AVCO Vietnam has a team of experienced and highly qualified employees who are always striving to research and develop new products and innovative solutions to meet the ever-increasing needs of the market.



AVCO VIET NAM - Nhon Trach Factory 2023

AVCO GROUP GLOBAL NETWORK



AVCO VIETNAM LIMITED

Road No.2, Nhon Trach Industrial Zone 1,
Dong Nai Province, Viet Nam



AVCO CHEMICALS ISRAEL

2 Kaufman St. Textile House, Israel

QUITERMA – Industria Quimica, S.A.

Rua dos Mogos, N. 190 – Apartado 5017 4471-
MAIM Portugal



AVCOMEX S.A de C.V.

Emiliano Zapata 159 - A
Zona Industrial Lerma, Estado de Mexico

AVCO POLIMEROS DO BRAZIL S/A

Rua Leste 3, 302 Distrito Industrial I
61.939-080 Maracanau - Ce
Brazil



SWIFTCHEM TEX LTD

191 Wigston Lane Leicester
LE2 8DJ England



PRODUCT PORTFOLIO

SIZING

AVCOchem supplies sizing products and processes to fulfil all customer requirements for either classical weaving or modern high speed weaving

PRE-TREATMENT

A large variety of carefully selected raw materials are formulated to produce auxiliaries for all steps in textile finishing to meet with various fabric or yarn requirements.

DYEING

Discover our products and get to know our dyeing processes for Cellulosics, Polyester, Polyamide, Acrylic, Wool and full fashioned Garments.

FINISHING & SILICONES

AVCOchem promotes and supports the introduction of alternative water, energy and chemical saving technologies, formulas and/or additives and helps the industry in selecting and implementing eco-friendly products and techniques.

PRINTING

AVCOchem is producing and selling a full range of pigment pastes together with the specifically adapted binders, thickeners, fixing agents and additives.

PIGMENT DISPERSION

AVCOchem has developed a comprehensive range of pigments for printing including a fluorescent range and ready to use pastes

GARMENTS PROCESSING

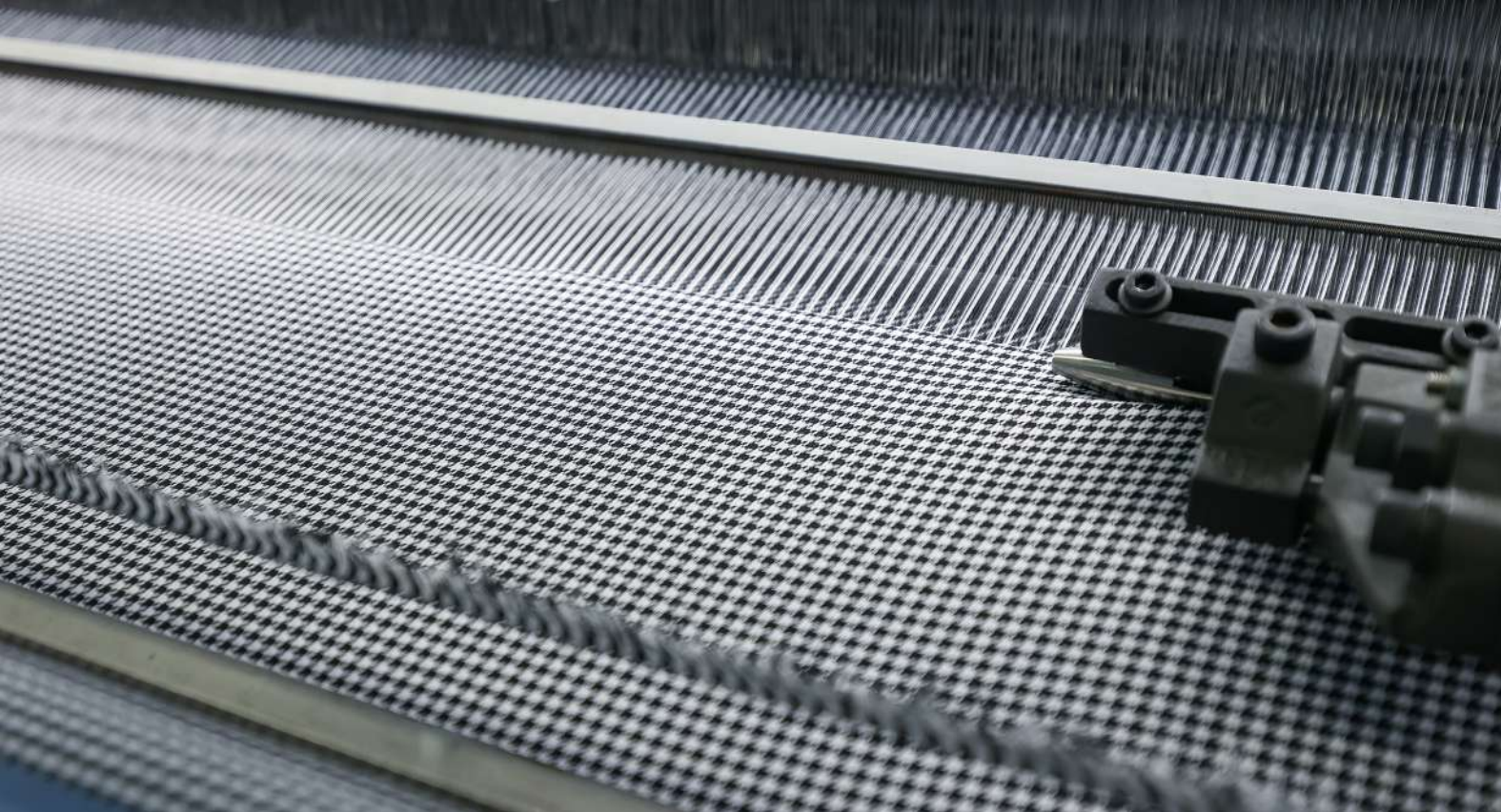
Fashion is today incomplete without denim. AVCOchem covers all important steps in the process of Denim Washing

FIBER & NON WOVENS

Continuous research and development to accommodate innovative application of fibers and nonwoven in various industries

SPECIALTIES & INNOVATION

Beyond the traditional textile processing, Avcochem offers innovative solutions for sustainable applications and value creation approach



SIZING

Protect your warp yarn during weaving and much more

AVCOchem supplies sizing products and processes to fulfil all customer requirements for either classical weaving or modern highspeed weaving. The product range includes ecological and cost effective products that offer the advantage of exceptional cohesion for difficult to weave textured and flat yarns for all types of looms: air, rapier .. except water jet.



Natural & Compound



Synthetic Size

AVCO SIZING has the advantages as follows:

- New blended sizing solutions for all type of yarns
- Quick soluble, easy cooking, saving time and energy in preparation
- Viscosity varies slightly between cooking tank and sizing box
- Compatible with all kinds of yarns and loom except water jet loom
- Less dosage, less consumption of sizes
- Ensure the individual threads are separated easily during the critical stages of drying
- Maximizing the productivity of the sizing machine.
- Produces higher weaving efficiencies
- Easily removed in desizing
- Less dust, lint formation, cleaner weaving room leads to less second quality of the fabrics

PRE-TREATMENT

Prepare your fabric for illuminated results

The real problem in pretreatment is the removal of impurities that are not soluble in water. They cannot be removed until they have been solubilized, or at least rendered dispersible, by chemical treatment.

Avco has adapted its auxiliaries for pretreatment and bleaching to ensure optimum preparation of the material for dyeing or printing.

Avco programme of auxiliaries for pretreatment is the result of many decades of experience with all the processes involved.

We assist our customers in achieving the best possible results with our products.



Desizing



Wetting agent & Detergent



Oligomer dispersant



Defoamer & Deaerating agent



Peroxide Stabilizer



Bleaching auxiliary



Peroxide killer



Bio-polishing enzyme



Sequestering agent



DYEING

Not just brilliancy, depth and fastness, we care about repetition

With our dyeing auxiliaries, we can guarantee our customers to achieve the best levelling effect, the utmost brilliancy of the colours while maintaining the colour fastness's.

Sustainability and low CO2 emission are our concern, hence our new developments are focused on how to shorten the processing time, save water and energy while maintaining the colour yield. In this respect, we help our customer to reduce cost and preserving the environment.



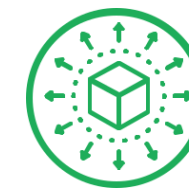
Optical brightener



Alkali buffer



Acid buffer and donor



Dispersing and Leveling Agent



Leveling Agent



Carrier



Retarder For Cationic Dyes



Cationizing Agents



Oxidizing Agent



Crease Inhibitor



Reduction Clearing Agent



Soaping Agent



Fastness Improver



Stripping And Repairing Agent



Machine Cleaner



Penetrating agent



FINISHING

Taking your textile a big step further in the value chain

AVCOchem textile finishing program or surface modification is carried out by different methods with a view to bringing new and wide range of physical, chemical or biological features on the surface of the textile such as: softening, stiffening, crease resisting, flame retarding, soil release effect, polishing, hydrophilicity, hydrophobicity, sanitization, surface charge, surface energy, biocompatibility and reactivity, etc



Fatty Acid Derivative



Micro Silicone



Macro Silicone



Wrinkle free resin_Catalyst



Special Softener



Hydrophilic Softener



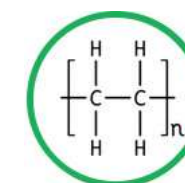
Flame Retardant



Weightener



Anti-UV treatment



Polyethylene softener



Special finishing agent



Color intensifier

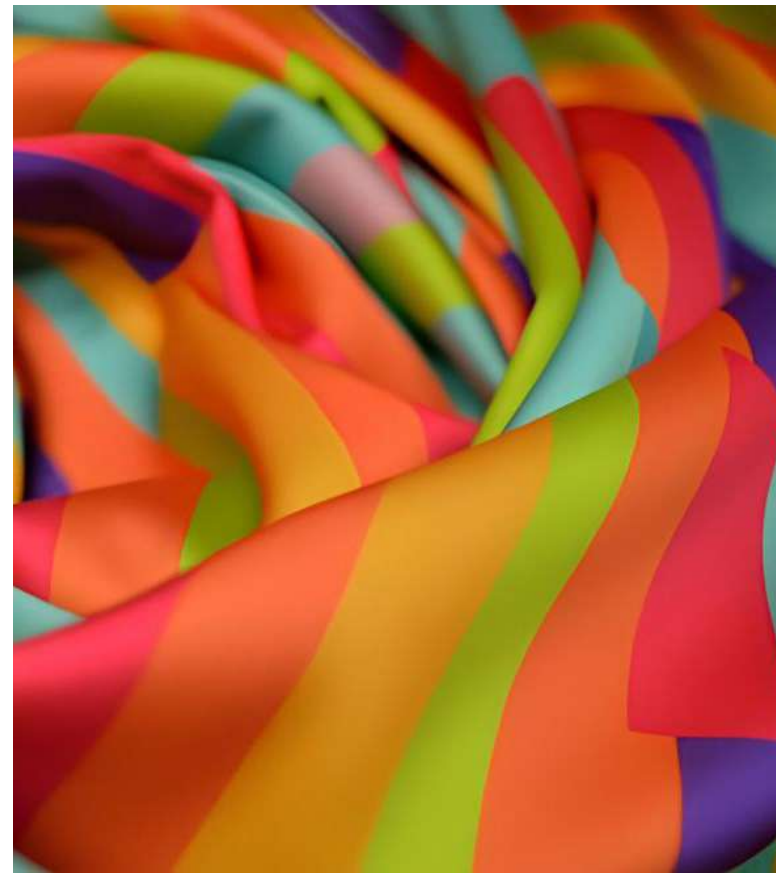
PRINTING

We embrace challenges of all printing designs and effects

High performance printing program has been developed by AVCOchem technical experts to meet our customers' needs and the fashion demand. This includes products for the rotary and the flat screens printing as well as specialties. Our products can be used in both printing for interior design and garments with excellent quality results.

AVCOchem is producing and selling a full range of pigment pastes together with the specifically adapted binders, thickeners, fixing agents and additives.

- Binder
- Thickener
- Viscosity Modifier and Anti Bleeding Agent
- Cross – Linker
- Discharging Agent
- Printing Additives
- Blanket Additives



PIGMENT DISPERSION

Print different! Quality and Style

For more than 3 decades AVCOchem is manufacturing highly concentrated water based organic pigments dispersions suitable for fashion, decorative and home textile as well as technical textile.

Our dispersions are exhibiting excellent stability and guarantee consistent production. AVCOchem has developed a comprehensive range of pigments for printing including a fluorescent range and ready to use pastes.

- Printing Pigment
- Fluorescent Pigment
- Dyefix
- Elastic White & Clear Pastes

GARMENTS PROCESSING

Ready to stay young for ever!

Washed / processed jeans can go through many processes to achieve realistic fading effect or other special wash effects.

Washing makes the denim garments more supple so that it fits comfortably.

Different kind of machines are being used across the globe to hit similar results.

Every small step in denim washing makes a big difference because indigo dye has very poor wet and dry rubbing fastness. All parameters are critical to maintain for repetitive results. Many laundries across the Globe ignore the importance of pH, the liquor ration and the R P M of machine.

AVCOchem covers all important steps in the process of Denim Washing Post-treating the garment by washing technologies for fashion purposes is now more and more popular and Avcochem's products is the best choice.



Shiny Effect



Garments Wash



3D-Effect/ Permanent Crease Press/ Wrinkle-Free Resin



Special Auxiliaries For Denim



Softener





FIBER AND NONWOVENS

Innovative application

AVCOchem continuous research and development to accommodate innovative application of fibers and nonwovens in various industries

- Coating
- Fiberfill
- Anti-static agent
- Anti-bacteria agent
- Lubricant agent
- Flame retardant



SPECIALTIES AND INNOVATION

Disruptive & Sustainable Innovation

Beyond the traditional textile processing, Avcochem offers innovative solutions for sustainable applications and value creation approaches:

Weavelon

Nowalon

Free PFC and low temperature water repellent

Free phenol and bis-phenol fixing agent for acid dyes



OFFERINGS

Product Offering	Performance control Saving	Bundling Safety
Service Offering	Technical Availability Resources	Customisation Integration Installation
Solution Offering	Problem solving Change management Risk reduction	Cost efficiency Process improvement Talents & Training
Partner Offering	Warranty Competitive advantage Collaborative design	Shareholder value Continuous Improvement

INTEGRATED SERVICES



SUSTAINABLE INNOVATIONS

AVCOchem is committed to the environment responsibly, and recognizes the importance of the health protection of the community, clients and employees. The R&D departments are constantly updated with the new regulations and technologies, and all ecological aspects are considered from the first steps of development of new products.

- Weavelon - **Dyeing Revolution without water**
- Nowalon - **Disperse Printing without water.**
- Pigment Dyeing - **Padding pigments without water.**
- Catalyst system - **One step Bleaching and Dyeing.**
- Hazard chemical replacement - **non-fluorine, non-PVC, non-Phthalate, PVA replacement**
- Packaging - **return, reused and refill packing.**

TECHNICAL SERVICES

Avco Group has over 50 years of RD in textile auxiliaries and chemistry development and manufacturing. Local technical service team of chemical engineers experienced in textile, garment and accessories manufacturing for 10-20 years. Continued investment in application lab and access to real production of existing customer base across all. Visiting Technical Director from overseas with joined development and service. Product customization and development for specific requirements. Internal and external lab analysis, testing and matching standard.

OPERATIONAL HIGHLIGHTS

Production capabilities: Polymerization, Emulsification, High-shear dispersion, Bead milling, High viscosity dispersing, mixing, powder blenders. Supporting Treatment: Water de-ionizer, effluent treatment, heating, cooling and chilling, temperature control warehouse, certified clean room, packing in all sizes from 1 liter up to 1,000 liter (IBC) for liquid, high viscosity, paste and powder. Quality control equipment: pH meter, Viscosity meter, Moisture analyzer, Reflector meter, Oven, Gloss meter, Crock meter, Lab padder, Lab dyeing machine, Lab steamer-stenter, Washing machine, Dryer, Spectrophotometer, Particle size meter.

AVCOchem's certification: Bluesign, GOTS, ZDHC MRSL level 3, ISO



RESPONSIBLE GROWTH CULTURE

At Avcochem, we understand the importance of being a responsible corporate citizen. Our commitment to Responsible Growth is deeply embedded in our corporate culture and guides our actions every day.

A. CORPORATE SOCIAL RESPONSIBILITY (CSR)

1. Environmental Sustainability: We are dedicated to minimizing our environmental footprint by implementing sustainable practices across our operations. This includes reducing waste, conserving energy, and promoting the use of renewable resources. Furthermore, we are actively implementing activities outlined in our roadmap to achieve a Neutral Carbon Footprint

2. Ethical Business Practices: Integrity and ethical behavior are core values at Avcochem. We uphold the highest standards of honesty, transparency, and fairness in all aspects of our business operations.

B. WELL-BEING FOR EMPLOYEES:

1. Work-Life Balance: We prioritize work-life balance and offer flexible work arrangements to accommodate the diverse needs of our employees. We believe that a healthy balance between work and personal life is essential for overall well-being and productivity.

2. Health and Wellness Programs: We provide comprehensive health and wellness programs to support the physical, mental, and emotional well-being of our employees. These programs include access to fitness facilities, mental health resources, and wellness workshops.

3. Professional Development: We invest in the professional development of our employees through training programs, mentorship opportunities, and career advancement initiatives. We believe in empowering our team members to reach their full potential and achieve their career goals.

C. FAIR COMPETITIVENESS:

1. Compliance and Ethics: We adhere to all relevant laws, regulations, and industry standards, ensuring that our business practices are ethical, transparent, and accountable. Integrity and honesty are non-negotiables in everything we do.

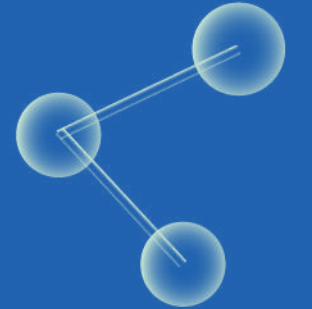
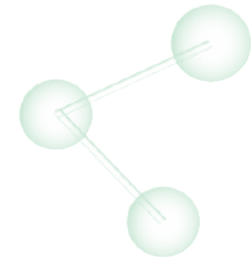
2. Customer Focus: We prioritize the needs and interests of our customers, striving to deliver exceptional products and services that meet or exceed their expectations. We believe that customer satisfaction is the ultimate measure of our success.

3. Innovation and Continuous Improvement: We foster a culture of innovation and continuous improvement, encouraging creativity, experimentation, and learning. By staying agile and adaptive, we can anticipate market trends and stay ahead of the competition.





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