

## List of Application Scenarios of Langchi Products LANG CHI

No.	Product Name	Type	Application	Application Scenario
1	FEP Hose	LCTH	Cable Insulation	Protection sleeve for electrical wires and cables, applicable for multiple signal frequencies
			Chemical Transportation	Chemical reactor, corrosion-resistance conveyor pipeline for strong acids and bases, high-purity chemical fluid pipeline
			Food Processing	Mixer, blender, conveyor belt, steam sterilizer, storage container, filter, forming and packaging equipment
			Semiconductor	Air tightness testing system, LCD production equipment, single-end light-emitting fiber optic protector tube, heat transfer machine, steam pipeline
			UV Protection	UV light source, optical equipment, water processing equipment, medical equipment
			Automobile Die-casting	Cooling system, hydraulic system, gas transport, exhaust system, sensor, surveillance equipment, automobile die-casting mold, high-temperature water hose
2	PFA Hose	LCTLM	Chemical Industry	supply system for chemical reactor, pipeline system, pump system, storage tank connection, heat transfer machine, gas transport system, soft tubing for analysis
			Pharmaceutical	Drying equipment, filtering system, washing equipment, cooling system, gas transport system, lab equipment, soft tubing for dental equipment
			Semiconductor	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, cooling system, gas transport system, ion implanter, thin film deposition equipment, semiconductor, LCD, soft tubing for OLED production equipment
			Photovoltaics	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, gas transport system, battery production line, thin film deposition equipment, vacuum system, coating equipment, soft tubing for solar panel production
3	High Purity PFA Hose	LCTL	Semiconductor	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, cooling system, gas transport system, ion implanter, thin film deposition equipment
			Photovoltaics	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, gas transport system, battery production line, thin film deposition equipment, vacuum system, coating equipment
4	PFA Corrugated Hose	LCTLC	Electrics and Electronics	Cable protection, sensor protection, connection tubing, cooling system, chemical transportation system, vacuum system, sealing and packaging of electronic
			Food Processing	Food transport system, washing system, filling system, cooling system, steam transport system, vacuum packaging equipment, transport of seasoning and additives, fermentation equipment
			Medical	Transfusion system, suction system, ultrasound equipment, endoscope, gas transport system, cooling system, medicine transport system, bio-reactor, dialysis equipment, pharmaceutical equipment
			Semiconductor	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, cooling system, gas transport system, ion implanter, thin film deposition equipment
			Chemical Industry	Supply system for chemical reactor, pipeline system, pump system, storage tank connection, heat transfer machine, gas transport system
5	Static-proof PFA Hose	LCTLA	Semiconductor	Chemical transport system, gas transport system, wet cleaning equipment, etching equipment, thin film deposition equipment, vacuum system, lab equipment, chemical dosing system, cooling system, wafer treatment system
6	PTFE Hose	LCTD	Electrics and Electronics	Cable insulation, connector, sensor, device, high-frequency cable, electrical equipment cooling system, chemical transportation, welding equipment, sealing and packaging of electronic devices, power source system, electronic devices for medical uses
			Food and Pharmaceutical	Chemical transportation, fluid transfer pipeline, filling and packaging equipment, cooling and heating system, pump system, reactor, filtering system, clean pipeline system, gas transport system
			Chemical Industry	Chemical reactor, transfer pipeline system, pump system, filtering system, cooling and heating system, connection between the reactor and the storage tank, lab equipment, gas transport system, safety valve and pressure relief equipment, chemical analysis and testing equipment
7	PVDF Hose	LCFPV	Chemical Industry	Chemical reactor, transfer piping system, pump system, filtering system, cooling and heating system, connection between the reactor and the storage tank, lab equipment, gas transport system, safety valve and pressure relief equipment, chemical analysis and testing equipment
			Pharmaceutical	Medicine transport system, reactor, filtering equipment, cooling and heating system, connection between the reactor and the storage tank, lab equipment, gas transport system, cleaning and disinfecting system, automation equipment, bio-reactor
			Food	Food processing equipment, drink production line, cooling and heating system, storage tank, mixing equipment, filtering system, clean washing system, filling and packaging equipment, automated control system, bio-reactor, gas transport system
			Electronics	Chemical processing equipment, semiconductor production equipment, wet etching and cleaning system, cooling system, battery production, vacuum system, spraying and coating equipment, photovoltaics industry, lab equipment, environmental surveillance system

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8	ETFE Hose	LCFET	Chemical Industry	Chemical transportation pipeline, chemical reactor, distill and separation equipment, cooling system, filtering equipment, pumping system, storage tank connection, lab equipment, gas transport system, heat transfer machine
			Pharmaceutical	Chemical transportation pipeline, chemical reactor, filtering system, filling and packaging equipment, cooling and heating system, storage tank connection, lab equipment, gas transport system, cleaning and disinfecting system, bio-reactor
			Food	Food transportation pipeline, filling equipment, mixing equipment, cooling and heating system, storage and transportation system, filtering equipment, cleaning and disinfecting system, fermentation container, gas transport system, lab equipment
			Electronics	Cooling system, gas transport, transportation of chemicals and cleaning solutions, cable insulation layer and protection sleeve, spraying and coating equipment, cleaning system, production of integrated circuits and microelectronics, heat processing equipment, protector for optical fiber and electrical cables
9	Fluororesin Spiral Hose	LCPCFA	Chemical Industry	Supply system for chemical reactor, pipeline system, pump system, storage tank connection, storage tank connection, heat transfer machine, gas transport system
			Pharmaceutical	Drying equipment, filtering system, cleaning system, cooling system, gas transport system, lab equipment
			Semiconductor	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, cooling system, gas transport system, ion implanter, thin film deposition equipment
			Photovoltaics	Chemical Vapor Deposition (CVD) equipment, wet etching equipment, washing equipment, ultrapure water system, gas transport system, battery production line, thin film deposition equipment, vacuum system, coating equipment
10	Corrosion Resistant Hose	LCTPY	Lithium Battery Industry	Battery material transportation, battery assembly equipment, cooling system, vacuum packaging equipment, cleaning and processing equipment, battery testing equipment, battery aging equipment, storage and transportation of chemicals, battery sealing equipment, usage in lithium battery development and quality control
			Chemical Portioning	Battery portioning device, electrolyte transfer system, vacuum system, cooling system, liquid recycle system, gas exhaust system, transfer and filling equipment, temperature control equipment, cleaning system
11	Hard Polyolefin Hose	LCTPH	Food processing	Transport system, filling equipment, cleaning system, cooling system, steam transport, transfer of drinkable water and liquids, gas transport, storage and distribution system, temperature control equipment, packaging equipment
			Chemical Industry	Chemical transfer pipeline system, cooling system, filling and distribution system, cleaning and washing system, gas transport system, chemical reactor, liquid waste disposal system, temperature control system
			Medical	Transfusion system, urinary catheter, ventilator, suction device, injector, medical surveillance equipment, infusion system, hemodialysis equipment, surgical tools,
			Semiconductor	Chemical transport system, gas transport system, ultrapure water system, liquid waste disposal system, cooling system, vacuum system, washing equipment, reactor, sprinkler system
12	Soft Polyolefin Hose	LCTPS	Food Processing	Transfer system, filling equipment, cleaning system, cooling system, steam transport, transfer of drinkable water and liquids, gas transport, storage and distribution system, temperature control equipment, packaging equipment
			Chemical Industry	Chemical transportation pipeline, cooling system, filling and distribution equipment, cleaning and washing system gas transport system, chemical reactor, liquid waste disposal system, temperature control system
			Medical	Transfusion system, urinary catheter, ventilator, suction device, injector, medical surveillance equipment, infusion system, hemodialysis equipment, surgical tools,
			Semiconductor	Chemical transport system, gas transport system, ultrapure water system, liquid waste disposal system, cooling system, vacuum system, washing equipment, reactor, sprinkler system
13	Polyester Polyurethane Hose	LCPU	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system

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No.	Product Name	Type	Application	Application Scenario
14	Polyether Polyurethane Hose	LCTU	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
			Automobile Production	Fuel conveying system, cooling system, pneumatic system, braking system, air conditioning, exhaust system, window control, power steering system, oil pressure system, decor and sealing
15	Food Grade Polyurethane Hose	LCTUX	Food processing	Food transfer system, drink filling equipment, cutter, mixer and blender, vacuum seal packaging, cooling and heating system, sprinkler cleaning system, pneumatic transfer system, food storage and distribution system, filling and packaging equipment, food safety measure
			Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
16	Soft Polyurethane Hose	LCTUS	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
17	Wear Resistant Hose	LCTUZ	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
18	High Temperature and High Pressure Polyester Hose	LCTUH	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
			Automobile Production	Fuel conveying system, cooling system, pneumatic system, braking system, air conditioning, exhaust system, window control, power steering system, oil pressure system, decor and sealing
19	Static-proof Polyurethane Hose	LCTAU	packaging equipment	Automated packaging equipment, vacuum packaging equipment, pneumatic packaging equipment, heat shrinkage packaging equipment, filling equipment, labeling machine, sorting and transfer system, packaging material disposal equipment, packaging equipment for electronic equipment, automated assembly line
			Pneumatic	Pneumatic transmission system, pneumatic raw material feeding system, pneumatic grip, pneumatic spraying equipment, pneumatic transfer system, pneumatic washing equipment, pneumatic sorting equipment, pneumatic control valve, pneumatic vibrator, pneumatic packaging equipment
			Electronics	Automated assembly line, electronic devices transfer system, welding equipment, clean room equipment, testing equipment, packaging equipment, sorting equipment, robotic system, spraying equipment, cooling and heating system

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No.	Product Name	Type	Application	Application Scenario
20	PUR Harness Hose	LCTUR	Automobile Production	Automobile cable protector (car cabin, engine compartment, or headlight wiring harness)
21	Polyester Polyurethane Multi-row Hose	LCPFU	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
22	Polyether Polyurethane Multi-row Hose	LCTFU	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
23	Bio-based Polyurethane Hose	LCTUY	Food	Food transport system, drink filling equipment, cutter, mixer and blender, vacuum packaging equipment, cooling and heating system, sprinkler cleaning system, pneumatic transfer system, food storage and distribution system, filling and packaging equipment, food testing equipment
			Medical	Transfusion system, ventilator, urinary catheter, hemodialysis equipment, injector, transfer system, surgical tools, gastric/nasogastric tube, vital surveillance equipment, drawing equipment, blood transfusion equipment
			Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic tool, pneumatic sensor, pneumatic transfer system, pneumatic spray painting system, pneumatic grips, pneumatic filter and pressure adjustor, pneumatic piping, pneumatic cooling system
			Automation	Pneumatic cylinder, automated grip, robot arm, spraying equipment, transfer system, automated assembly line, pneumatic filter and pressure adjustor, automated testing equipment, pneumatic raw material feeding equipment, packaging equipment
			Rapid Circulation	Pneumatic transmission system, automated assembly line, spraying system, material transfer system, pneumatic grip, pneumatic raw material feeding equipment, robot system, fast mold changing system, pneumatic cooling system, experiment and testing system
24	High Temperature Water Hose	LCTPU	Injection Molding	Injection molding machine, mold temperature controller
25	Polyester Polyurethane	LCPCU	Pneumatic	Pneumatic tool, pneumatic transfer system, pneumatic automation equipment, packaging machinery
			Robotic	Pneumatic robot, assembly robot, welding robot, carrier robot
26	Polyether Polyurethane	LCTCU	Pneumatic	Pneumatic tool, pneumatic transfer system, pneumatic automation equipment, packaging machinery, vacuum cleaning equipment, medical equipment
			Robotic	Pneumatic robot, assembly robot, welding robot, carrier robot, spraying robot, medical robot, humanoid robot
27	Polyester Polyurethane	LCPFCU	Pneumatic	Pneumatic tool, pneumatic transfer system, pneumatic automation equipment, packaging machinery
			Robotic	Pneumatic robot, assembly robot, welding robot, carrier robot
28	Polyether Polyurethane	LCTFCM	Pneumatic	Pneumatic tool, pneumatic transfer system, pneumatic automation equipment, packaging machinery, vacuum cleaning equipment, medical equipment
			Robotic	Pneumatic robot, assembly robot, welding robot, carrier robot, spraying robot, medical robot, humanoid robot
29	Polyester PU Reinforced Hose	LCYPU	Pneumatic	Pneumatic tool, pneumatic cylinder, automated production line, pneumatic transfer system
			Automation	Pneumatic equipment, automated production line, packaging equipment, material transfer system, robotic system
			Rapid Circulation	Pneumatic quick clamp system, fast mold-switching system

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No.	Product Name	Type	Application	Application Scenario
30	Polyether PU Reinforced Hose	LCYTU	Pneumatic	Pneumatic tool, pneumatic cylinder, automated production line, pneumatic transfer system, spraying equipment, vacuum cleaning equipment, medical equipment, robotic application
			Automation	Pneumatic equipment, automated assembly line, packaging equipment, material transfer system, robotic system, medical automation equipment, washing equipment, computer numerical control (CNC) machine tools
			Rapid Circulation	Pneumatic quick clamp system, fast mold-switching system, fast cleaning system
			Cooling system	Injection molding machine, stamping press, laser cutting and welding, computer numerical control (CNC) machine tools, air conditioning and cooling equipment, cooling system for electronic devices, cooling system for chemical industry, cooling system for food processing
			Automobile Production	Automobile cooling system, air conditioning system, oil circuit system, pneumatic system, exhaust system, hydraulic system, cleaning and spraying system
31	PUR Reinforced Hose	LCYTUR	Pneumatic	Pneumatic tool, pneumatic cylinder, automated production line, pneumatic transfer system, spraying system, vacuum cleaning system, medical equipment, robotic
			Automation	Pneumatic equipment, automated assembly line, packaging equipment, material transfer system, robotic system, medical automation system, washing equipment, computer numerical control (CNC) machine tools
			Cooling system	Injection molding machine, stamping press, laser cutting and welding, computer numerical control (CNC) machine tools, air conditioning and cooling equipment, cooling system for electronic devices, cooling system for chemical industry, cooling system for food processing
			Automobile Industry	Spot welding robot
32	Air Reinforced Hose	LCYTUA	Spray Painting	Spray painting equipment: Used to transfer required gas or liquid in automated spraying robots and spraying machines
			Pneumatic	Pneumatic tool, pneumatic cylinder, automated production line, pneumatic transfer system, spraying equipment, vacuum cleaning equipment, medical equipment, robotic application
			Automation	Pneumatic equipment, automated assembly line, packaging equipment, material transfer system, robotic system, medical automation equipment, washing equipment, computer numerical control (CNC) machine tools
			Rapid Circulation	Pneumatic quick clamp system, fast mold-switching system, fast cleaning system
33	Single-layer Polyester PU Flame Retardant Hose	LCFRPU	Industrial equipment	Pneumatic tool, hydraulic equipment, transferring system, robots, and automation equipment
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
			General Wiring	Cable protection, optical fiber wiring, internet wiring, general wiring for buildings, connection of automated equipment, fire safety, surveillance and alarm system, generator room wiring, traffic infrastructure wiring, medical equipment wiring
34	Single-layer Polyether PU Flame Retardant Hose	LCFRU	Industrial equipment	Pneumatic tool, hydraulic equipment, transfer system, robot and automation system, cooling equipment, fire safety equipment, pressure washing equipment, food and beverage industries
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot, washing robot, service robot, medical robot, agricultural robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
			General Wiring	Cable protection, optical fiber wiring, internet wiring, general wiring for buildings, connection of automated equipment, fire safety, surveillance and alarm system, generator room wiring, traffic infrastructure wiring, medical equipment wiring
			Cooling Circuit	Cooling for computers and data centers, cooling for laser equipment, air conditioning and cooling, automobile cooling system, cooling circuit for chemical industry, food and beverage industry, cooling for labs, solar water system
35	Anti-splash Polyester PU Double-layer Flame Retardant Hose	LCFRU	Industrial equipment	Pneumatic tool, hydraulic equipment, transfer system, robot and automation system
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
			General Wiring	Cable protection, optical fiber wiring, internet wiring, general wiring for buildings, connection of automated equipment, fire safety, surveillance and alarm system, generator room wiring, traffic infrastructure wiring, medical equipment wiring

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36	Anti-splash Polyether PU Double-layer Flame Retardant Hose	LCTRB	Industrial equipment	Pneumatic tool, hydraulic equipment, transfer system, robot and automation system, cooling equipment, fire safety equipment, pressure washing equipment, food and beverage industries
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot, cleaning robot, service robot, medical robot, agricultural robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
			General Wiring	Cable protection, optical fiber wiring, internet wiring, general wiring for buildings, connection of automated equipment, fire safety, surveillance and alarm system, generator room wiring, traffic infrastructure wiring, medical equipment wiring
			Cooling Circuit	Cooling for computers and data centers, cooling for laser equipment, air conditioning and cooling, automobile cooling system, cooling circuit for chemical industry, food and beverage industry, cooling for labs, solar water system
37	FR Double-layer Flame Retardant Hose	LTRBUX	Industrial equipment	Pneumatic tool, hydraulic equipment, transfer system, robot and automation system, cooling equipment, fire safety equipment, pressure washing equipment, food and beverage industries
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot, cleaning robot, service robot, medical robot, agricultural robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
			General Wiring	Cable protection, optical fiber wiring, internet wiring, general wiring for buildings, connection of automated equipment, fire safety, surveillance and alarm system, generator room wiring, traffic infrastructure wiring, medical equipment wiring
38	Anti-splash PU Triple-layer Flame Retardant Hose	LCTRTRU	Industrial equipment	Pneumatic tool, hydraulic equipment, transfer system, robot and automation system, cooling equipment, fire safety equipment, pressure washing equipment, food and beverage industries
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot, cleaning robot, service robot, medical robot, agricultural robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
			General Wiring	Cable protection, optical fiber wiring, internet wiring, general wiring for buildings, connection of automated equipment, fire safety, surveillance and alarm system, generator room wiring, traffic infrastructure wiring, medical equipment wiring
39	Direct Insertion FR Hose	LCFR	Industrial equipment	Pneumatic tool, hydraulic equipment, transfer system, robot and automation system
			Robotic	Pneumatic robot, industrial automation robot, welding robot, carrier robot
			Welding equipment	Automated welding machine, laser welding machine, spot welding machine, gas shielded welding machine, electric arc welding machine, plasma welding machine, manual welding equipment, welding assist equipment
40	Nylon Single-layer Flame Retardant Hose	LCTRA	Industrial equipment	Gas transport, fluid transfer, connection tubing for mechanical equipment, sensor connection, actuator and control mechanism, fire safety system, cable protection for electrical equipment, food and beverage processing, chemical industry equipment
			Welding Robots	Pneumatic grip, cooling for welding nozzles, welding fume extraction system, gas transport, sensor connection, liquid cooling system, fluid transfer for robotic arms
			Cooling System	Industrial cooling system, laser cutting and welding, cooling for electronic equipment, automobile cooling system, cooling for computers and electric equipment, air conditioning and cooling, food processing equipment, HVAC system
			Papermaking	Paper pulp machinery, drying machine, paper making machine, cleaning system, cloth coating machine, paper cooling system, pumping system, transfer system
41	Nylon Double-layer Flame Retardant Hose	LCTRB	Industrial equipment	Gas transport, fluid transfer, connection tubing for mechanical equipment, sensor connection, actuator and control mechanism, fire safety system, cable protection for electrical equipment, food and beverage processing, chemical industry equipment
			Welding Robots	Pneumatic grip, cooling for welding nozzles, welding fume extraction system, gas transport, sensor connection, liquid cooling system, fluid transfer for robotic arms, cooling for welding nozzles, welding fume extraction system, gas transport, sensor connection, liquid cooling system, fluid transfer for robotic arms
			Cooling System	Industrial cooling system, laser cutting and welding, cooling for electronic equipment, automobile cooling system, cooling for computers and electric equipment, air conditioning and cooling, food processing equipment, HVAC system, heat transfer machine
			Papermaking	Paper pulp machinery, drying machine, paper making machine, cleaning system, cloth coating machine, paper cooling system, pumping system, transfer system, wastewater treatment system

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No.	Product Name	Type	Application	Application Scenario
42	PA Nylon Hose	LCPA	Car Parts	Fuel system, cooling system, air intake system, cable protection, braking system, connection and reinforcement of car decor parts
			Mechanical Parts	Fuel pipe, cooling pipe, transfer pipe
43	PA66 Nylon Hose	LCPB	Car Parts	Fuel system, cooling system, air intake system, cable protection, braking system, connection and reinforcement of car decor parts, car body structure par
			Electrics and Electronics	Cable protection sleeve, connector, electrical components, home appliances
			Mechanical Parts	Fuel pipe, cooling pipe, transfer pipe
44	PA11 Nylon Hose	LCPC	Car Parts	Fuel system, cooling system, air intake system, cable protection, braking system, connection and reinforcement of car decor parts, lightweight body parts
			Aerospace	Fuel pipeline, hydraulic system, cooling system, aerospace products' inner structure, lightweight body parts
			Medical equipment	Transfusion and blood transfusion pipeline, urinary catheter, connection device of multiple medical equipments, injector and transfusion pumps, endoscope, bio-sensor, surgical tools
			Lubrication System	Lubricated pipeline, connector for lubrication system, oil pump and oil passageway component, lubricant dispersion system, cooling-and-lubrication complex
45	PA12 Nylon Hose	LCT	Car Parts	Fuel system, cooling system, air intake system, cable protection, braking system, connection and reinforcement of car decor parts
			Electrics and Electronics	Cable protection sleeve, connector, electrical insulated parts, sensor sleeve, electric motor parts
			Packaging	Pneumatic packaging equipment, automated packaging equipment, filling equipment, vacuum packaging equipment, transfer system, cooling system for packaging equipment, packing robot
46	Soft Nylon Hose	LCTS	Car Parts	Fuel system, cooling system, air intake system, cable protection, braking system, connection and reinforcement of car decor parts
			Electrics and Electronics	Cable protection sleeve, connector, electrical insulated parts, sensor sleeve, electric motor parts
			Packaging	Pneumatic packaging equipment, automated packaging equipment, filling equipment, vacuum packaging equipment, transfer system, cooling system for packaging equipment, packing robot
47	Static-proof Nylon Hose	LCTAS	Pneumatic	Pneumatic actuator, pneumatic valve, pneumatic transfer system, spraying equipment, vacuum suction cup, packaging equipment, robot and automation system, cleaning equipment
48	Fire Detection Hose	LCTPA	Fire Safety	Pneumatic equipment in fire safety, firefighting system, fire safety alarm system
49	Food Grade Nylon Hose	LCPAE	Car Parts	Fuel system, cooling system, air intake system, cable protection, braking system, connection and reinforcement of car decor parts, lightweight body parts
			Mechanical Parts	Fuel pipe, cooling pipe, transfer pipe
50	Food Grade Nylon Hose (Precision Type)	LCPAP	Food Industry	Food piping and transfer system, food processing equipment, filling and packaging equipment, food cooling and freezing equipment.
			Aerospace	Fuel pipeline, hydraulic system, cooling system, aerospace products' inner structure, lightweight structure
			Fossil Fuel	Pipeline system
			Medical equipment	Transfusion and blood transfusion pipeline, urinary catheter, connection device of multiple medical equipments, injector and transfusion pumps, endoscope, bio-sensor, surgical tools
51	Bio-based Nylon Hose	LCTX	Medical equipment	Transfusion and blood transfusion pipeline, urinary catheter, connection device of multiple medical equipments, injector and transfusion pumps, endoscope, bio-sensor, surgical tools
			Mechanical Parts	Cooling pipeline, transfer pipeline
52	Bio-based Soft Nylon Tube	LCTSX	Food Industry	Food piping and transfer system, food processing equipment, filling and packaging equipment, food cooling and freezing equipment.
			Aerospace	Fuel pipeline, hydraulic system, cooling system, aerospace products' inner structure, lightweight structure
			Fossil Fuel	Pipeline system
			Medical equipment	Transfusion and blood transfusion pipeline, urinary catheter, connection device of multiple medical equipments, injector and transfusion pumps, endoscope, bio-sensor, surgical tools
53	Nylon Single Core Hose	LCPS	Pneumatic	Pneumatic transmission system, connector between pneumatic cylinders, spraying and washing equipment
			Automation	Automated assembly line, conveyor belt system, robotic system, spraying and painting equipment, automated detection equipment, washing equipment, packaging
			Industrial Processing	Computer numerical control (CNC) machine tools, laser cutter, transfer system, cooling system
			Automobile Production	Spraying equipment, automated assembly line, welding equipment, cooling system, hydraulic system, exhaust system, fuel system

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No.	Product Name	Type	Application	Application Scenario
54	Nylon Double Core Hose	LCPT	Pneumatic	Pneumatic transmission system, connector between pneumatic cylinders, spraying and washing equipment
			Automation	Automated assembly line, conveyor belt system, robotic system, spraying and painting equipment, automated detection equipment, washing equipment, packaging
			Industrial Processing	Computer numerical control (CNC) machine tools, laser cutter, transfer system, cooling system
			Automobile Production	Spraying equipment, automated assembly line, welding equipment, cooling system, hydraulic system, exhaust system, fuel system
55	Nylon Multi-core Hose	LCPM	Pneumatic	Pneumatic transmission system, connector between pneumatic cylinders, spraying and washing equipment
			Automation	Automated assembly line, conveyor belt, robotic system, spraying and painting equipment, automated testing equipment washing equipment, packaging machinery
			Industrial Processing	Computer numerical control (CNC) machine tools, laser cutter, transfer system, cooling system
			Automobile Production	Spraying equipment, automated assembly line, welding equipment, cooling system, hydraulic system, exhaust system, fuel system
56	Nylon Spiral Hose	LCPCA	Pneumatic	Pneumatic transmission system, connector between pneumatic cylinders, spraying and washing equipment
			Robotic	Cleaning robot, robot arm, soft robotic arm, sensor connection, robotic movement system
			Industrial Machinery	Pneumatic system, hydraulic system, cleaning equipment, textile machine, cooling system
			Automobile Production	Car brake system
57	Low Urea Permeability	LCTPE	Automobile Production	Diesel engine Selective Catalytic Reduction (SCR) system
58	Double-layer Solvent Hose	LCMLE	Spray Painting	Cleaning robot, robot arm, soft robotic arm, sensor connection, robotic movement system
59	Soft Fluororesin Double-layer Hose	LCTQ	Spray Painting	Spraying gun, paint transfer system, washing equipment, automated spraying system, static electric spray painting equipment, pneumatic transfer system, paint recycler, spray painting robot
60	Fluororesin + Polyurethane Double-layer Hose	LCTUL	Printing	Ink transfer system, inkjet printer, cloth coating machine, cleaning system, oil/ink mixing and dispensing equipment, drying machine, automated printing system, cooling system for printer
			Metalworking	Cooling system, lubrication system, hydraulic system, spray painting equipment, pneumatic system, metal forming equipment, washing equipment, powdered paint
			Food	Food processing equipment, beverage filling equipment, cooling and heating system, food cleaning equipment, vacuum sealing equipment
			Medical	Extrusion equipment, injector and catheter, hemodialysis equipment, saline solution and medicine transfer, ventilator
			Semiconductor	Chemical Mechanical Polishing (CMP) equipment, wet etching equipment
61	Triple-layer Flexible Solvent Hose	LCMLS	Spray Painting	Cleaning robot, robot arm, soft robotic arm, sensor connection, robotic movement system, washing equipment, gas transfer system, vacuum system, cooling system, transfer system, aligner, sealing equipment
62	Firefighting Conveying Hose	LCTP	Fire Safety	Energy storage tank
			Automobile Production	Automobile fire safety system
63	PE Hose	LCPE	Water Purifying	Water dispenser, water purifier
64	Pppd-grade PVC Hose	LCPV	Food processing	Water dispenser and pipeline, cutter, mixer and blender, refrigerating and freezing equipment, food transfer system, cleaning and disinfecting equipment, packaging equipment, beverage filling equipment, vacuum sealing machine, fluid transfer system
			Chemical industry	Chemical transportation pipeline, chemical reactor, cooling system, liquid waste disposal system, storage tank and long-term storage system, mist spraying system, material measuring and dispersion system, filtering and dividing equipment, gas transport system
65	Food-grade PVC Braided Hose	LCYPV	Robotic	Pneumatic system for industrial robot, cooling system for industrial robot, cleaning robot, food delivery robot, medical robot, logistics and warehouse robot, spraying robot, detection robot, fire safety robot, automated transporting system
			Automobile Production	Hydraulic pipeline, coolant transfer, fuel transfer pipeline, spray painting system, high-pressure washer, refrigerant transfer, robotics and automated assembly line
			Semiconductor	Cooling system, ultrasound washer, humidity control equipment, vacuum pipeline
			Sewing	Washing machine, coating machine, ventilation system, heat setting equipment, filtering and purifying equipment, weaving and sewing machines
			Packaging	Material conveyor belt, fluid filling equipment, pneumatic packaging equipment, heat shrinking equipment, heat sealing equipment, washer, vacuum packaging equipment, robotic packaging system



## List of Application Scenarios of Langchi Products LANG CHI

No.	Product Name	Type	Application	Application Scenario
66	Food-grade PVDC Steel Wire Hose	LCPVS	Food Industry	Filling equipment, pumping system, gas transport equipment, high-pressure washer, cooling and heating equipment, vacuum packaging equipment, mixer
			Agriculture	Irrigation system, drainage system, pesticide spraying, cooling system, transferring system
			Fuel Storage	Fuel transfer pipeline, pumping system, storage tank intake/release pipeline, fuel dispenser, waste fuel recycle pipeline, cleaning system
			Mine equipment	Slurry transport, chemical transport, coolant transport, equipment cleaning
67	TPV Braided Hose	LCYTP	Automobile Production	Packaged water chiller system for new energy vehicles
68	Corrosion Resistant Rubber Hose	LCZTP	New Energy	Photovoltaics component, cooling system, cooling system for ventilator, battery management system, environmental-friendly equipment