



SHANGHAI COSYSTAR PERSONAL PROTECTION EQUIPMENT

● COSYSTAR (PPE) CATALOGUE
2025-2026

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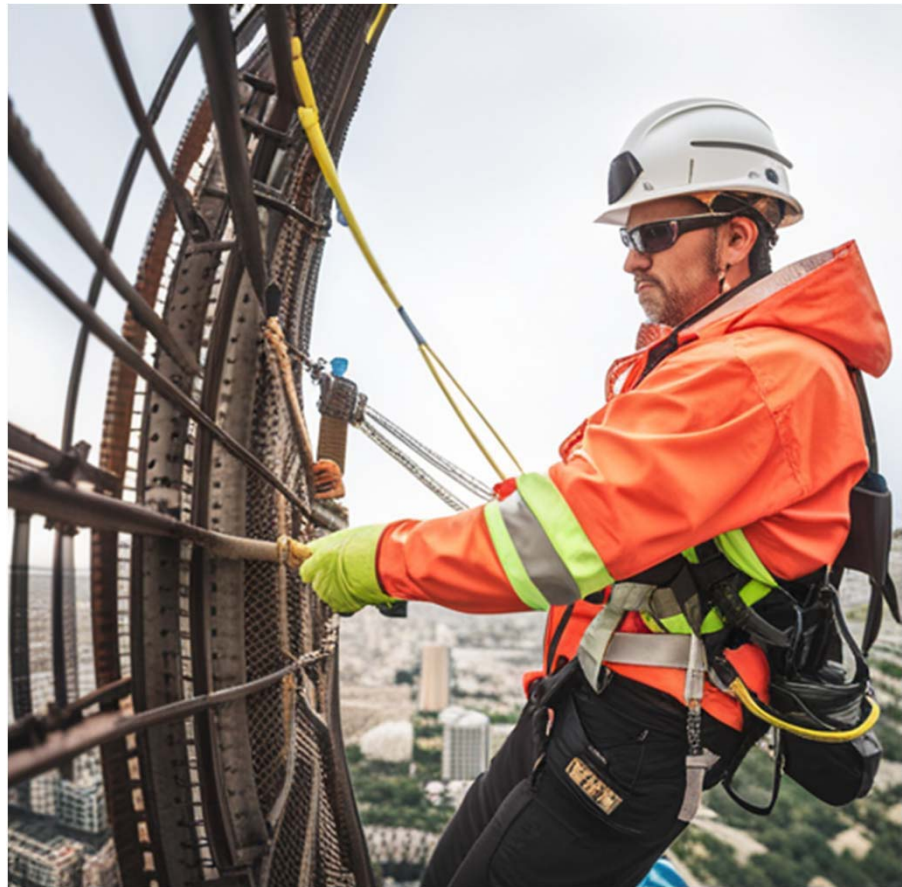
About CosyStar

Welcome to COSYSTAR -
Your Trusted Personal Protection
Equipment (PPE) Supplier.

As a leading professional PPE manufacturer with a history of 12 years, CosyStar is committed to providing high-quality, reliable, and comfortable personal protection equipment to keep you safe in various workplace environments. We specialize in manufacturing a wide range of PPE products, including hearing protection, eye protection, respiratory protection, hand protection, and safety apparel.

At CosyStar, we understand the importance of protecting yourself and your team from potential hazards in the workplace. Our mission is to design and manufacture innovative PPE solutions that prioritize safety, comfort, and durability. We strive to exceed industry standards and ensure our products meet the needs of our valued customers.

With our extensive experience in the PPE industry, we have built a reputation for delivering superior products that are trusted by professionals in various industries. Our commitment to quality and customer satisfaction has earned us a loyal customer base, and we take pride in being a reliable partner for their safety needs.



We prioritize customer satisfaction and strive to provide exceptional service at every step. Our team of experienced professionals is dedicated to understanding your specific safety requirements and recommending the right PPE solutions for your needs. We also offer customization options to meet unique requirements, and our products undergo rigorous quality testing to ensure they meet industry standards.

Thank you for choosing CosyStar as your trusted PPE supplier. We are committed to protecting you and your team with reliable, high-quality, and comfortable personal protection equipment. Contact us today to learn more about our products and services, and let us be your partner in workplace safety.



2026 New Products

Zero DMF & no harmful chemical residues, food-grade certified, ecofriendly. Safe, compliant & multi-scenario applicable.



Item NO. : SK320
 PPDc Glove, Micro-foam finish.
 13G HPPE Cut B liner.
 Glass fiber free.
 Size : 7 - 11



Item NO. : SK340
 PPDc Glove, Clear finish.
 13G HPPE Cut D liner.
 Glass fiber free.
 Size : 7 - 11

Revolutionary Materials Medical-grade polymer material



Moisture & Oil resistant

Touch screen

Item NO. : SK380

PPDc Glove, Micro-foam finish.

13G HPPE Cut F+ (A8) liner.

Glass fiber free.

Size : 7 - 11



Moisture & Oil resistant

Touch screen

Little finger fitting

Item NO. : SK841

PPDc Glove, Micro-foam finish + Dots.

18G Staple HPPE Yarn Cut D liner.

Glass fiber free.

Size : 7 - 11



Anti-Bacterial

Bone Puncture resistant

Animal Fats resistant

Little finger fitting

Item NO. : SK340F & SK350

PPDc Glove, Clear finish.

13G HPPE Cut D & Cut E liner.

★Ultra Dexterity & Durable.

Size : 7 - 11.



NEW PRODUCTION
PPD Glove



Item NO. : SK500F
PPDc Glove, Clear finish.
Unbeatable Dry Grip.
15G Polyester liner.
Size : 7 - 11.



Item NO. : SK509F
PPDc Glove, Clear finish. Full dipping
15G High elastic nylon liner.
Size : 7 - 11.



Item NO. : SK320F
PPDc Glove, Micro-foam Finish.
13G HPPE Cut B liner.
High Dexterity.
★Ideal for Fish & Meat Processing
Size : 7 - 11.



Optional in 3/4 dipping



EYE PROTECTION

Understanding Eye Protection in the Industrial Era

With the rise of manufacturing processes, there are many hazards that pose a threat to our eyes. The main hazards are as follows:



flying debris



chemical splashes



dust particles



intense light



Radiation.

All of these hazards can cause serious eye injuries, ranging from minor irritations to permanent damage or blindness. It is essential to be aware of the potential dangers and take proactive steps to protect our eyes.

One of the most effective methods is to wear appropriate eye protection. This can include safety goggles, safety glasses, or face shields depending on the specific hazard and the level of protection required. It is crucial to choose eye protection that is suitable for the task at hand, fits properly, and provides adequate coverage. Regularly inspecting eye protection for any damage and replacing them when needed is also crucial for maintaining their effectiveness.

ANSI Z87.1 is the widely recognized standard for eye protection in the workplace, and it specifies requirements for impact resistance, optical clarity, and other performance criteria. When selecting eye protection, look for products that meet or exceed the ANSI Z87.1 standard to ensure that you are getting reliable and effective eye protection.

Understanding the potential hazards, wearing appropriate eye protection equipment and being knowledgeable about the ANSI standard for eye protection are crucial steps to ensure the safety of our eyes. Remember, healthy eyes are essential for our overall well-being, so prioritize eye protection in any industrial or hazardous environment.





Model: SHCZ-60068

Description:

- Ideal for site visitors
- Extraordinary unbreakable Frame and arms made of Nylon
- Soft rubber tipped arms for added comfort



Model: SHCZ-60625

Description:

- Full black frames safety glasses feature original modern stylish look with impact protection
- Soft-grip side arms - ultra comfortable, stable, non-slip fit



Model: SHCZ-71003

Description:

- Temples with adjustable length (4 positions) for optimal comfort and fit
- Ideal for site visitors
- Available in clear & smoke lens color.



Model: SHCZ-71003A

Description:

- Temples with adjustable length (4 positions) for optimal comfort and fit
- Ideal for site visitors
- Rubber legs for anti slip.



Model: SHCZ-71006

Description:

- Sleek and ultra light weight wraparound lens
- Suits a variety of face shapes
- Available in clear & smoke lens color



Model: SHCZ-71009

Description:

- Design to fit over prescription glasses
- Ideal for site visitors
- Integrated and vented side shields



Model: SHCZ-71012

Description:

- Temples with adjustable length (3 positions) for optimal comfort and fit.
- Available in clear & smoke lens color



Model: SHCZ-71019C

Description:

- Soft nose bridge & rubber tipped arms for added comfort
- Available in clear & smoke lens color



Model: SHCZ-71029

Description:

- Soft nose bridge & rubber tipped arms for added comfort.
- 99.9% UV protection.



Model: SHCZ-71030

Description:

- Temples with adjustable length (4 positions) for optimal comfort and fit
- Available in clear & smoke lens color



Model: SHCZ-71033

Description:

- Temples with adjustable length (4 positions) for optimal comfort and fit
- Temples with adjustable angle
- Available in clear & smoke lens color



Model: SHCZ-71033A

Description:

- Soft rubber tipped arms for added comfort
- Temples with adjustable length (4 positions) for optimal comfort and fit
- Temples with adjustable angle



Model: SHCZ-71037

Description:

- Medium impact protection
- Available in clear & smoke lens color.



Model: SHCZ-71037A

Description:

- Medium impact protection
- Available in clear & smoke lens color.



Model: SHCZ-71040

Description:

- Temples with adjustable length for optimal comfort and fit.
- Available in clear & smoke lens color



Model: SHCZ-71043

Description:

- Soft silicone nose bridge for comfort.
- Available in clear & smoke lens color.



Model: SHCZ-71045C

Description:

- Medium impact protection
- Soft rubber tipped arms for added comfort



Model: SHCZ-71046

Description:

- Soft rubber tipped arms for added comfort
- Soft nose bridge for comfort



Model: SHCZ-71046A

Description:

- Soft rubber tipped arms for added comfort
- Soft nose bridge for comfort



Model: SHCZ-71058

Description:

- Available in clear & smoke lens color.
- Soft rubber tipped arms for added comfort



Model: SHCZ-71061

Description:

- Soft rubber tipped arms for added comfort
- Suits a variety of face shapes
- Sleek and ultra light weight wraparound lens



Model: SHCZ-60001

Description:

- Hard-coated lens for Anti-scratch for improved durability
- Economic style adjustable head strap
- Ideal for students
- Pressure free fit



Model: SHCZ-60049

Description:

- flexible and durable
- Hard-coated lens for Anti-scratch for improved durability



Model: SHCZ-60069

Description:

- Lightweight, flexible and durable
- Indirect ventilation system minimizes fogging and provides splash resistance
- Can fit over most prescription glasses
- Hard-coated lens for Anti-scratch for improved durability



HEARING PROTECTION



WHAT SHOULD YOU KNOW ABOUT HEARING PROTECTION

People should wear a hearing protector if the noise or sound level they are exposed to is close to or greater than the occupational exposure limits (OEL) for noise. For most jurisdictions, this occupational exposure limit is 85 decibels (A-weighted) or dBA. Hearing protectors reduce the noise exposure level and the risk of hearing loss when worn correctly.

If hearing protection is required, then a complete hearing conservation program should be implemented. A hearing conservation program includes noise assessment, methods for controlling noise, hearing protector selection, employee training and education, audiometric testing, maintenance, inspection, record keeping, and program evaluation.

The effectiveness of hearing protection is reduced greatly if the hearing protectors do not fit properly, are not inserted or worn correctly, if they are worn only periodically, or if they are removed even for a short period of time. To maintain their effectiveness, the hearing protection should not be modified. Select hearing protection that is:

- Correct for the job.
- Provides adequate protection or noise attenuation. Check the manufacturer's literature.
- Compatible with other required personal protective equipment, or communication devices.
- Comfortable enough to be worn.
- Appropriate for the temperature and humidity in the workplace.
- Able to provide adequate communication and audibility needs (e.g., the ability to hear alarms or warning sounds).

COSYSTAR HEAD BAND EARMUFFS



SHCZ-H34A

- The interior and exterior shell is designed for medium and high-level industrial protection and other piercing beeping protection.
- Lightweight and comfortable headband provides comfort pressure for long-term earmuff wearing.
- Adjustable headband strap is titled to meet user's needs.

Material	Cup color	Pkg. Qty	Standard
ABS Cups + Plastic head band	Black/Yellow	1 pc/box 20 boxes/Ctn	NRR: 28dB SNR: 34dB AS/NZS SLC(80)=33dB CLASS 5

suspension helps distribute cushion pressure evenly

- Ear cups pivot for alignment to ensure a consistent fit, folding earmuffs are more effective and convenient
- Over-the-head style folding earmuff, wide headband with padding for extended wear



SHCZ-H34B

Material	Cup color	Pkg. Qty	Standard
ABS Cups + Plastic head band	Black/Red	1 pc/box 20 boxes/Ctn	NRR: 28dB SNR: 34dB AS/NZS SLC(80)=33dB CLASS 5

suspension system helps distribute cushion pressure evenly. In addition, the ear cups can pivot 2 points make circles

- 15mm rectangle shaped foam: Inside the ABS cups, sound insulation
- Lightweight, comfortable & effective earmuff range
- Wide headband with strap for extended wear with wide ear cushions



SHCZ-H29B

Material	Cup color	Pkg. Qty	Standard
ABS Cups + Plastic head band	Black/Red	1 pc/box 20 boxes/Ctn	NRR: 23dB SNR: 29dB AS/NZS SLC(80)=27dB CLASS 5

noise.

- Unique plastic headband and ear cups for extended comfort and Insulation.
- Professional earmuffs for durability and reliability.
- Available in high visibility colors, low attenuation provides ideal protection for workers exposed to low levels of hazardous noise.



SHCZ-H29A

Material	Cup color	Pkg. Qty	Standard
ABS Cups + Plastic head band	Black/Red	1 pc/box 20 boxes/Ctn	NRR: 22dB SNR: 29dB AS/NZS SLC(80)=26.9dB CLASS 5

COSYSTAR HELMET MOUNTED EARMUFFS

- The interior and exterior shell is designed for medium and high-level industrial protection and other piercing beeping protection.
- Lightweight and comfortable headband provides comfort pressure for long-term earmuff wearing.
- Adjustable headband strap is titled to meet user’s needs.



SHCZ-H30M



SHCZ-H26M

Material	Cup color	Pkg. Qty	Standard
ABS Cups + Plastic head band	Black/Yellow	1 pc/box 20 boxes/Ctn	NRR: 22dB SNR: 30dB AS/NZS SLC(80)=30dB CLASS 5

- noise.
- Unique plastic headband and ear cups for extended comfort and Insulation.
- Professional earmuffs for durability and reliability.
- Available in high visibility colors, low attenuation provides ideal protection for workers exposed to low levels of hazardous noise.

Material	Cup color	Pkg. Qty	Standard
ABS Cups + Plastic head band	Black/Red	1 pc/box 20 boxes/Ctn	SNR: 26dB

Bluetooth/FM Earmuffs

H30DB

The H30DB earmuffs are equipped with Bluetooth connection function, which can be connected to mobile-phones, digital Intercoms and other equipment for multimedia playing and communication. They are suitable for noisy environments such as airports and construction sites.



ITEM	PARAMETERS
Noise reduction level	SNR: 30dB NRR: 25dB
Working Time	16 hours
Charging Time	< 3 Hours
Bluetooth Version	Bluetooth 5.0
Communication Distance	10m
Charging Interface	Type C
Working Temp.	10°C ~ +40°C

Function Introduction

Bluetooth function

It can be connected to mobile phones, walkie-talkies and other devices with Bluetooth function for multimedia playing and making calls.

Digital level dependence (Pro version)

Digital level dependence provides nature ambient sound and limited the max spl @82dB.

3.5mm audio interface

Standard audio interface for bone or an external microphone can be connected.

Bluetooth volume limit

Bluetooth maximum volume limit function provides 82dB active protection.

Automatic power-off

The earmuffs will automatically power off when not operated for a long time.

Adjustable Fork

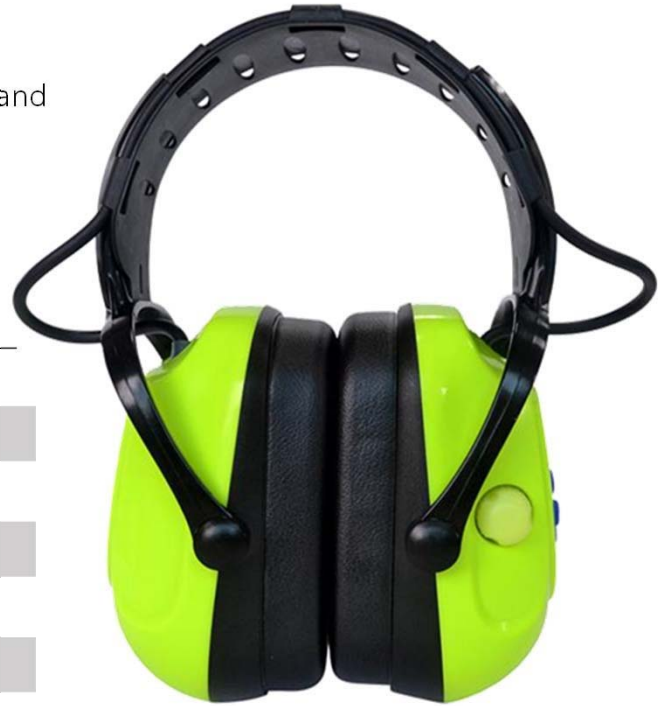
The length of the steel wire can be adjusted according to the size of user's head to make the wearing more compact.



Bluetooth/FM Earmuffs

H29E

The H29E is designed with electrically insulated wire headband, this electronic hearing protection earmuff is suitable for heads of any size, the earmuff is lightweight and brings same pressure to the ears and provides maximum comfort for long time using.



ITEM	PARAMETERS
Noise reduction level	SNR: 39dB NRR:24dB
Working Time	12 hours
Charging Time	< 3 Hours
Bluetooth Version	Bluetooth 5.0
Communication Distance	10m
Charging Interface	Type C
Working Temp.	10°C ~ +40°C

Function Introduction

Noise reduction rating

The sound source will disappear by itself when the surrounding sound reaches over 82dB

VOX voice control (Voice activation)

Amplify low-frequency sound and reduce background noise

Comfort Ear Cups

Designed with high-noise resistant shell and comfortable ear cups that has spacious interior space, effectively prevents low-frequency noise

AUX Input

AUX input is available. It is able to connect to mobile phone or the other audio devices

Stereo Noise Reduction

Stereo noise reduction is available automatically, enables you to hear surrounding sounds.

Adjustable headband

The adjustable headband has a soft sponge lining to reduce pressure on the head and make it comfortable to wear.



Mesh Communication Earmuff

H31DG

The H31DG series earmuffs are equipped with a full duplex group communication module, and with a high-noise reduction microphone, they can help to communicate clearly in a noise environment up to 120 decibels. Especially suitable for motor maintenance, drilling, mining, aviation ground handling and other working environments.



ITEM	PARAMETERS
Noise reduction level	SNR: 30dB
Frequency Range	2.4 Ghz
Channel Number	8 Channels
Communication Range	≤ 2 Km (Group network)
Transmission Power	≥ 500 mW
Working Time	13 Hours
Charging Time	< 3 Hours (Type C)

Walkie-talkie sharing function

They can be connected to the walkie-talkie, and the users can share the voice with other members in the group

Built-in full-duplex group communication

The communication function supports 8 channels and allows multiple intercom networks within the same area. Each channel can accommodate 15 members, supporting online full-duplex communication for all members.

Communication range

The communication range between two users can be up to 800 meters and the range can reach 2000 meters after the network group is established.

Hearing through function

When the ambient sound is higher than 82 decibels, the hearing through function will automatically reduce the surrounding environmental sound to avoid high noise damage to human hearing.

High Noise Canceling Microphone

The earmuffs are equipped with a high-noise-canceling microphone, which can make clear calls in noise environments up to 120 decibels.

Bluetooth function

It can be connected to mobile phones, walkie-talkies and other devices with Bluetooth function for multimedia playing and making calls.



Integrated 2-Way Radio Earmuffs

H31DI

The H31DI digital intercom communication earmuffs have a built-in dual-mode digital wireless intercom module. This product is suitable for noisy environments such as petroleum and petrochemical fields, mining fields, industrial and mining maintenance, and mining maintenance and shipbuilding factories.



ITEM	PARAMETERS
Noise reduction level	NRR: 27dB SNR: 32dB
Frequency Range	400Mhz-470MHz
Channel Number	16 Channels
Communication Range	≤1.5 Km (Open Area)
Transmission Power	≥500 mW
Working Time	12 Hours
Charging Time	< 4 Hours (Type C)

Function introduction

DMR/PMR Communication

The built-in digital radio module provides clear and reliable voice communication in noisy environments

VOX voice control (Voice activation)

Freeing hands, the PPT function can be triggered by voice, so that communication is more convenient, and it is convenient for people to make effective calls in an extremely extremely noisy environment.

Level Dependence

When the ambient sound is higher than 82 decibels, the hearing through function will automatically reduce the surrounding environmental sound to avoid high noise damage to human hearing.

Adjustable Fork

The length of the steel wire can be adjusted according to the size of user's head to make the wearing more compact.

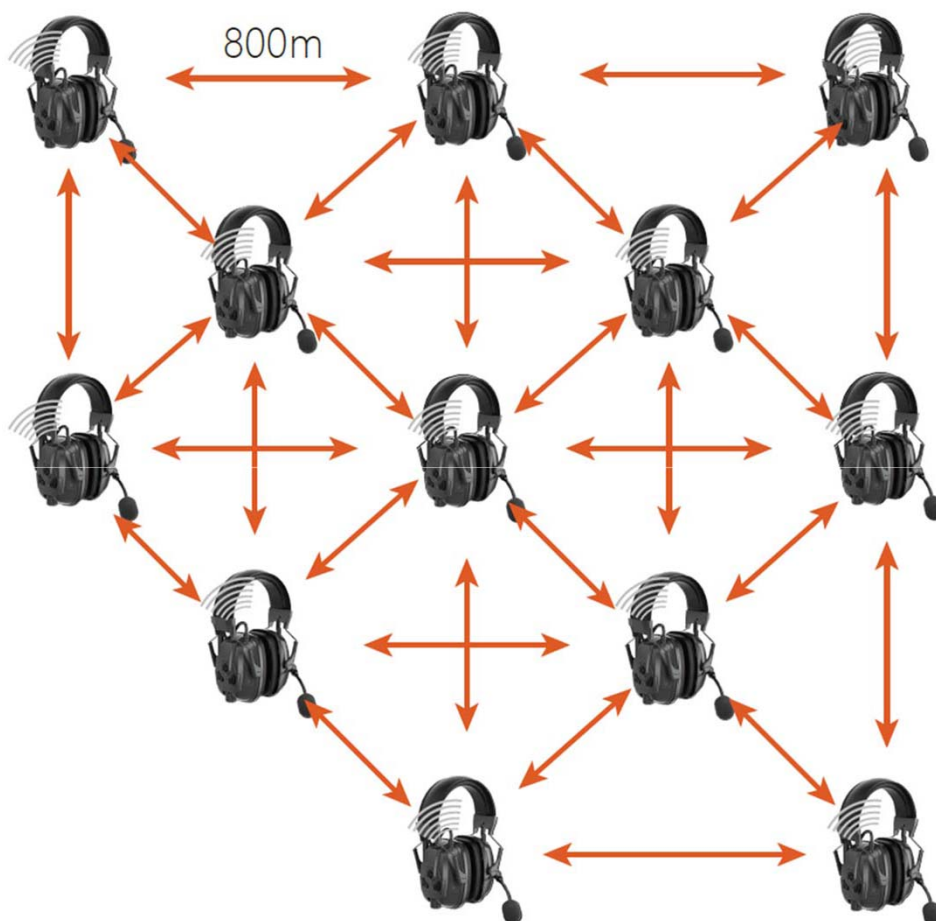
Faux leather headband

The faux leather headband has a soft sponge lining to reduce pressure on the head and make it comfortable to wear.



Full Duplex Group Communication

The communication function supports 8 channels and allows multiple intercom networks within the same area. Each channel can accommodate 15 members, supporting online full-duplex communication for all members. The communication range between two users can be up to 800 meters and the range can reach 2000 meters after the network group is established.



- Mesh communication
- Additional relay device, larger communication range
- Auto reconnecting, auto configuring
- Automatic Communication Routing
- No delay

The H31DG was equipped with two hearing through microphones. When the ambient sound is higher than 82 decibels, the hearing through function will automatically reduce the surrounding environmental sound to avoid high noise damage to human hearing.



- Soft PU for low pressure inside the ear, comfortable and cost effective
- Slender and soft bullet-shape, suitable for almost all the users
- Can be Nylon cord or PVC cord, to help prevent earplugs

ANSI S3.19-1974

Noise Reduction Rate : NRR 32 dB

CE EN 352-2

SNR 34 dB

AS/NZS 1270:2002

SLC (80) = 26.1 dB CLASS 5

SNR 34 dB



SHCZ-H11

SNR 34 dB



SHCZ-H12

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf (dB)	28.6	32.6	35.0	38.8	38.0	36.6	47.0	44.8
Standard deviation Sf (dB)	8.0	7.5	8.6	8.2	5.4	3.4	3.7	4.5
APV Mf-Sf (dB)	20.6	25.1	27	30.6	32.6	30.2	43.3	40.3
[dB]	-	5	8	10	12	12	12	12
SNR-Value	H-value		M-value			L-value		
34 dB	33 dB		32 dB			29 dB		

- Sold in package of 250 pairs (SHCZ-ED250) or 500 pairs (SHCZ-ED500) with the dispenser
- Transparent PC tank
- Keep the ear plugs from humidity or dust

PACKING

ED-250

1 set/box, 4 sets/carton

ED-500

1 set/box, 4 sets/carton



SHCZ-ED500

- Pure silicone material ensure comfort while using, reusable and eco-friendly
- Humidity and sweat resistant, helps prevent moisture ramp up into ear canal
- Christmas tree design fits most ear canals

SNR 32 dB



SHCZ-H22

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Sound attenuation Mf (dB)	-	34.5	30.4	36.0	38.0	31.9	41.2	43.0
Standard deviation Sf (dB)	-	5.8	4.4	4.7	4.6	4.8	5.6	4.1
APV Mf-Sf (dB)	-	28.8	26.0	31.3	27.3	31.2	35.6	38.9
SNR-Value	H-value		M-value			L-value		
32 dB	32 dB		29 dB			28 dB		



RESPIRATORY PROTECTION

Respiratory protection is crucial in industrial settings to safeguard workers from airborne contaminants that pose risks and hazards to their health and safety. Industrial settings often expose workers to airborne contaminants such as gases, vapors, fumes, dust, and particles that can be harmful or even life-threatening when inhaled.



These contaminants can cause respiratory illnesses, lung damage, and other serious health issues. Respiratory protection, such as gas masks or respirators, creates a barrier between the worker's respiratory system and the contaminants, preventing their inhalation and protecting the worker's health.

COSYSTAR Gas Mask

Gas mask is a crucial PPE used to protect the respiratory system from airborne contaminants, such as gases, vapors, and particles, in various industrial and hazardous environments. It creates a barrier between the wearer's respiratory system and the surrounding air, ensuring that the air being inhaled is filtered and purified.

DOUBLE CARTRIDGE FULL FACE GAS MASK

- The main body is made of high-quality silicone, which is lightweight, comfortable, durable, and easy to clean and maintain.
- The soft silicone cover ensures a good seal. The filter adopts a threaded design, making it easy to install and disassemble.
- The broad and elastic belt with relaxation provides comfortable wear. The filter can efficiently filter all kinds of toxic gases.
- Dust-proof filter cotton is used to filter both oily and non-oily particles.
- The filter utilizes highly effective chemical impregnated activated carbon to effectively absorb harmful gases.
- Double cartridge design helps reduce inhalation resistance.



SHCZ-7800

Property	Unit	Performance Parameter	Air Flow Rate
Inhalation Resistance	Pa	<250	160L/min
Exhalation Resistance	Pa	<300	160L/min
Inward Leakage		<0.05%	
Visual Field		<0.05%	
Binocular Visual Field		<0.05%	
Dead Space		<0.05%	
Weight		<500g	

DOUBLE CARTRIDGE HALF FACE GAS MASK

- The main body is made of high-quality silicone, which is lightweight, comfortable, durable, and easy to clean and maintain.
- The soft silicone cover ensures a good seal. The filter adopts a threaded design, making it easy to install and disassemble.
- The broad and elastic belt with relaxation provides comfortable wear. The filter can efficiently filter all kinds of toxic gases.
- Dust-proof filter cotton is used to filter both oily and non-oily particles.
- The filter utilizes highly effective chemical impregnated activated carbon to effectively absorb harmful gases.
- Double cartridge design helps reduce inhalation resistance.



SHCZ-7200

FILTER PIECE FOR DOUBLE CARTRIDGE GAS MASK



SHCZ-7001

- **Protective object:** Organic vapours or gases such as anilines, carbon tetrachloride, nitrobenzene, trichloronitromethane ...
- **Filtration Class:**1

SHCZ-7003

- **Protective object:** Organic vapours or gases such as anilines, carbon tetrachloride, nitrobenzene, trichloronitromethane Sulphur dioxide and other acidic vapours or gases...
- **Filtration Class:**1



SHCZ-7006

- **Protective object:** Benzene, anilines, carbon tetrachloride, nitrobenzene, trichloronitromethane hydrocyanic acid, hydrogen chloride, sulphur dioxide and ammonia.
- **Filtration Class:**1

SHCZ-7KP100

- **Protection object:** effectively prevent dust, smoke, fog and other oily and non oily particulate pollutants and odorless.

SHCZ-7P2

- **Protective object:** Dust, fume, mist and oily and non-oily particulate pollutants.



SHCZ-701

- **Product introduction:** Fix pre-filtered cotton and keep rain out.

SINGLE CARTRIDGE HALF FACE GAS MASK



SHCZ-5200

- The main body is made of high quality silicone which is light in texture, comfortable and durable and easy to clean and maintain.
- The main part of GM-1406 adopts TPE thermoplastic elastomer material with good toughness, close to the face and high tightness.
- The filter adopts thread design, easy to install and disassemble.
- Broad and big elastic belt with relaxation, and it is comfortable to wear
- The filter can filtrate all kinds of toxic gases efficiently. Dust-proof filter cotton is used to filtrate all kinds of oily and non-oily particles.
- The filter uses highly effective chemical impregnated activated carbon to absorb more harmful gases effectively.

FILTER PIECE FOR SINGLE CARTRIDGE GAS MASK



SHCZ-5001

- **Protective object:** Organic vapours or gases such as anilines, carbon tetrachloride, nitrobenzene, trichloronitromethane and so on.
- **Filtration Class:1**



SHCZ-5002

- **Protective object:** Protective object: Sulphur dioxide and other acidic vapours or gases
- **Filtration Class:1**



SHCZ-501

- **Product introduction:** Fix the pre-filtered cotton.



SHCZ-5P1

- **Protection object:** Efficient filtration of dust fume, mist and oily and non-oily particulate pollutants



SHCZ-5700

- **Protective object:** Dust, fume, mist and oily and non-oily particulate pollutants.



SHCZ-5KN95

- **Product introduction:** Efficient filtration of dust fume, mist and oily and non-oily particulate pollutants



HAND PROTECTION

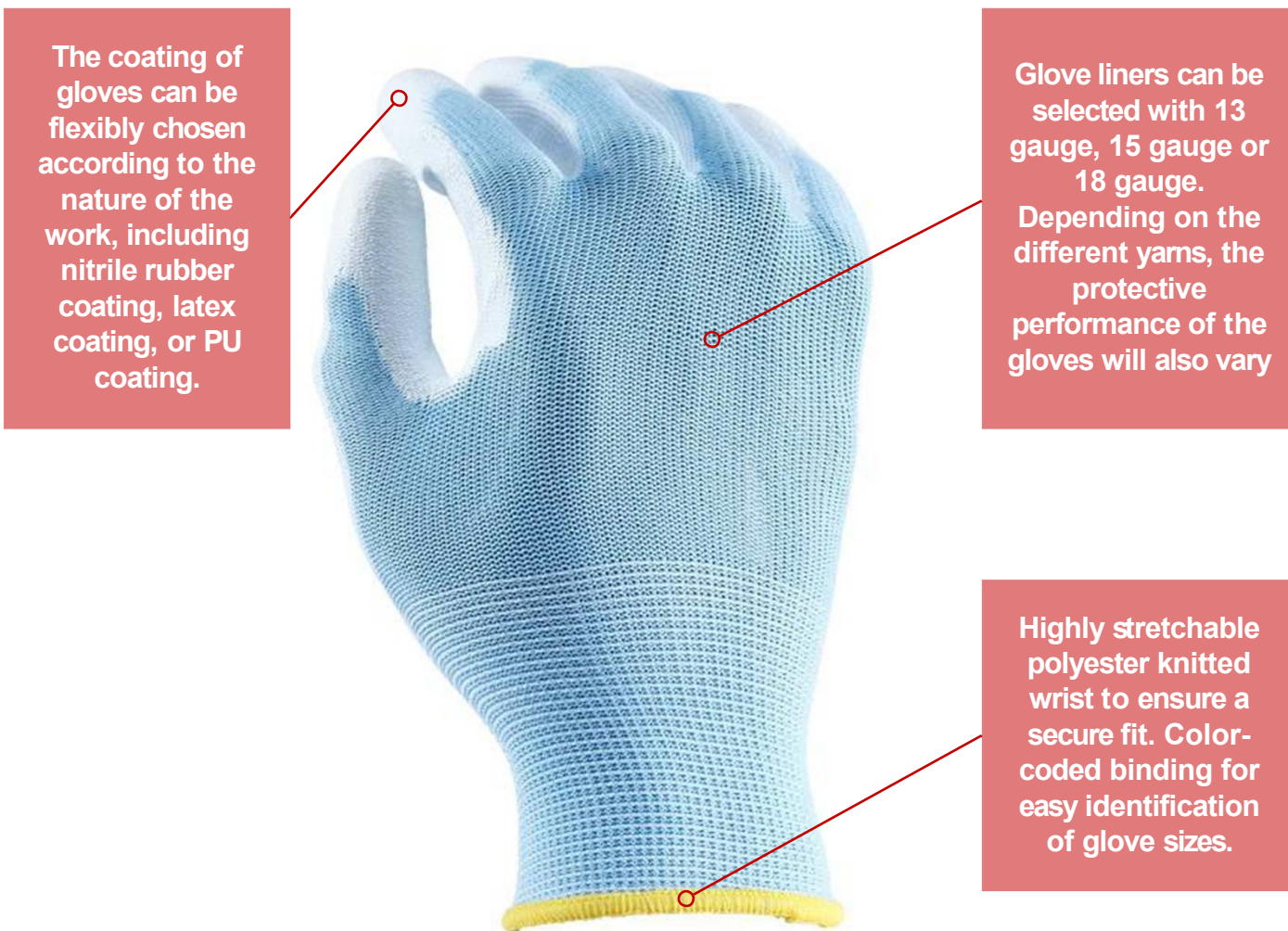
WHY HAND PROTECTION IS IMPORTANT

It's important to note that hand injury data can vary significantly by industry and type of work. Industries with high risks of hand injuries may include manufacturing, construction, agriculture, mining, and transportation. Additionally, the type and severity of hand injuries can vary depending on the specific work activities, such as working with machinery, tools, or hazardous materials.

According to the U.S. Bureau of Labor Statistics (BLS), in 2019, there were approximately 121,100 cases of hand and wrist injuries involving days away from work in the private industry in the United States. This accounted for a rate of 9.4 cases per 10,000 full-time workers. Hand injuries can range from minor cuts or abrasions to more severe injuries, such as fractures, dislocations, or amputations.

A BASIC GUIDANCE OF SELECTING PROPER GLOVES

Preventing hand injuries in industrial workplaces requires implementing proper safety measures, providing appropriate training to workers, enforcing safety regulations, and ensuring the use of proper personal protective equipment (PPE), including gloves, when necessary. Employers and employees should prioritize hand safety to prevent workplace injuries and promote a safe work environment.



According to the U.S. Bureau of Labor Statistics (BLS), in 2019, there were approximately 121,100 cases of hand and wrist injuries involving days away from work in the private industry in the United States. This accounted for a rate of 9.4 cases per 10,000 full-time workers. Hand injuries can range from minor cuts or abrasions to more severe injuries, such as fractures, dislocations, or amputations.

GENERAL WORKING GLOVES

PU COATED



Model: SHCZ-P0001
Type: 13G Polyester Pu glove
Material: PU Polyester
 EN388 3121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU



Model: SHCZ-P0002
Type: 13G Nylonr Pu glove
Material: PU Nylon
 En388 4121
Palm Color: white or as customer's request.
Palm Coating: PU



Model: SHCZ-P0003
Type: 13G polyester Pu glove
Material: PU polyester
 EN388 3121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-P0004
Type: 13G polyester PU glove
Material: PU Polyester
 EN388 3121
Palm Color: Black
Palm Coating: PU,



Model: SHCZ-P0005
Type: 15G NylonPu glove
Material: PU Nylon
 EN388 3121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-P0006
Type: 18G Nylon Pu glove
Material: PU Nylon
 EN388 2121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-P0007
Type: 13G PU coated garden glove
Material: PU Polyester
 EN388 2121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-P0008
Type: 13G ESD PU glove
Material: PU Carbon fiber
 EN388 3121
Palm Color: Black, White or as customer's request.
Palm Coating: PU,



Model: SHCZ-P0009
Type: 13G ESD PU TOP FIT glove
Material: PU Carbon fiber
 EN388 2121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-P00010
Type: 13G Nylon Pu glove
Material: PU Nylon
 EN388 4121
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,

GENERAL WORKING GLOVES

NITRILE COATED



Model: SHCZ-N0001
Type: 13G Polyester Nitrile smooth glove
Material: Nitrile Polyester EN388 3121
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Smooth



Model: SHCZ-N0002
Type: 13G Polyester Full nitrile glove
Material: Nitrile Polyester EN388 3121
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Smooth



Model: SHCZ-N0003
Type: 13G Polyester Sandy finish glove
Material: Nitrile Polyester EN388 4131
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Sandy Finish



Model: SHCZ-N0004
Type: 13G Polyester Nitrile Foam glove
Material: Nitrile Polyester EN388 4131
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Faom,



Model: SHCZ-N0005
Type: 13G polyester 3/4 Sandy finish glove
Material: Nitrile Polyester HPPE EN388 4131
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Sandy Finish



Model: SHCZ-N0006
Type: 15G Nylon Nitrile Foam coated with dot glove
Material: Nitrile Nylon EN388 4121
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitirle Foam with Nitrile Dot,



Model: SHCZ-N0007
Type: 15G Nylon Nitrile Foam glove
Material: Nitrile Nylon EN388 4121
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitirle Foam



Model: SHCZ-N0008
Type: 15G Nylon Sandy finish glove
Material: Nitrile Nylon EN388 4121
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitirle Sandy Finish,



Model: SHCZ-N0010
Type: NBR glove safety cuff
Material: Nitrile Cotton EN388 4111
Palm Color: Black, Blue
Palm Coating: Nitrile



Model: SHCZ-N0011
Type: NBR glove jersey liner
Material: Nitrile Cotton EN388 4111
Palm Color: Black, Blue request.
Palm Coating: Nitrile

GENERAL WORKING GLOVES LATEX COATED



Model: SHCZ-L0001
Type: 13 Polyester Latex glove
Material: Latex Polyester HPPE
AEN388 3122
Palm Color: Black, Gary or as
customer's request.
Palm Coating: Latex Crinkel



Model: SHCZ-L002
Type: 10G cotton Latex
glove
Material: Latex cotton
EN388 3122
Palm Color: Black, Gary or
as customer's request.
Palm Coating: Latex Crinkel



Model: SHCZ-L0003
Type: Latex coated winter glove
Material: Latex nappy acrylic
EN388 3122
Palm Color: Black, Gary or as
customer's request.
Palm Coating: Latex Crinkel



Model: SHCZ-L0004
Type: 13G Polyester Latex
coated
Material: Latex polyester
EN388 3122
Palm Color: Black, Gary or
as customer's request.
Palm Coating: Latex Foam

CUT RESISTANCE GLOVES



Model: SHCZ-C0001
Type: 13G A2 cut Pu glove
Material: PU Nylon Polyester HPPE
 ANSI CUT A2 or EN 388 4X42B
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-C0002
Type: 13G A4 cut Pu glove
Material: PU Nylon Polyester stapled PE
 ANSI CUT A4 or EN 388 4X42D
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-C0003
Type: 13G A5 cut Pu glove
Material: PU Nylon Polyester stapled PE
 ANSI CUT A5 or EN 388 4X42E
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-C0004
Type: 13G A4 cut Pu glove
Material: PU Nylon Polyester HPPE
 ANSI CUT A4 or EN 388 4X44C
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-ECO0001
Type: 13G A2 cut Pu glove
Material: PU High strength nylon Polyester
 ANSI CUT A2 or EN 388 4X42B
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-C0005
Type: 13G A4 cut Latex glove
Material: Latex Nylon Polyester stapled PE
 ANSI CUT A4 or EN 388 3X42D
Palm Color: Black, Gary or as customer's request.
Palm Coating: Latex Crinkle



Model: SHCZ-C0006
Type: 13G A4 cut Nitirle glove
Material: Nitirle Nylon Polyester stapled PE
 ANSI CUT A4 or EN 388 4X42D
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Foam



Model: SHCZ-C0007
Type: 13G A6 cut Nitrile glove
Material: Nitile Nylon Polyester stapled PE
 ANSI CUT A6 or EN 388 4X44D
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Smooth with sandy finishing



Model: SHCZ-C0008
Type: 13G A4 cut Nitirle glove
Material: Nitirle Nylon Polyester HPPE Steel
 ANSI CUT A4 or EN 388 4X42D
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Sandy



Model: SHCZ-C0007
Type: 13G A5 cut Nitrile glove
Material: Nitile Nylon Polyester stapled PE
 ANSI CUT A5 or EN 388 4X44D
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Foam



ANTI IMPACT GLOVES



Model: SHCZ-T0001
Type: 13G A5 cut Sandy impact glove
Material: Nitrile Nylon Polyester HPPE PVC
 ANSI/ISEA 138 Level 3
 ANSI A5 cut
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Sandy finish



Model: SHCZ-T0003
Type: 13G A6 cut Sandy impact glove
Material: Nitrile Nylon Polyester stapled PE PVC
 ANSI/ISEA 138 Level 3
 ANSI CUT 6
Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-T0003
Type: 13G A4 cut Nitrile impact glove
Material: Nitrile Nylon Polyester HPPE
 ANSI/ISEA 138 Level 3
 ANSI CUT A4
Palm Color: Black, Gary or as customer's request.
Palm Coating: Nitrile Foam



Model: SHCZ-T0004
Type: NBR Full nitrile coated with TPR back
Material: Nitrile cotton PVC
 ANSI/ISEA 138 Level 3
 ANSI CUT A2
Palm Color: Blue
Palm Coating: Nitrile



Model: SHCZ-T0006
Type: 13G A4 cut Pu glove
Material: PU Nylon Polyester HPPE
 ANSI CUT A4
 Palm Color: Black, Gary or as customer's request.
Palm Coating: PU,



Model: SHCZ-C0001
Type: ANSI A5 cut driver glove with TPR back
Material: Cow Leather
 ANSI/ISEA 138 Level 3
 ANSI CUT A5



BODY PROTECTION



Out jacket:

Out fabric: 300DX300D polyester oxford with PU coating

Lining: polyester mesh

Reversible interactive jacket:

Fabric: 300DX300D polyester oxford with PU coating

Padding: 160G/M2 quilted polyester in 10CM*10CM

Lining: 190T polyester taffeta

Inner collar: 220G/M2 micro polar fleece

Sizes: S-3XL

Out jacket:

1. Attached hood concealed in the collar with drawstring and stoppers
2. Storm front with zipper and snaps closure
3. One mobile pocket on left chest
4. Two pockets for pens on left sleeves
5. Waist adjustable with drawstring and stoppers
6. Elastic cuffs adjustable with velcros
7. Two pockets with flap in front
8. Two 5cm reflective tapes around the body, shoulders and sleeves

Interactive jacket:

1. One mobile pocket on chest
2. One "D" plastic hoop and eyelet under the mobile pocket
3. Rib cuffs
4. Front with zipper closure
5. Two pockets in front
6. Two 5cm reflective tapes around the shoulders and body

7 IN ONE PARKA





PARKA

Fabric: 300DX300D polyester oxford with PU coating

Padding: 160G/M2 quilted polyester in 10CM*10CM

Lining: 190T polyester taffeta

Inner collar: 260G/M2 micro polar fleece

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Front with zipper closure
3. Two concealed zipper pockets on chest
4. Two concealed zipper pockets in front

PARKA SUIT

Fabric: 300DX300D polyester oxford with PU coating

Lining: 190T polyester taffeta

Padding: 160G/M2 quilted polyester in 10CM*10CM

Sizes: S-3XL

Parka:

1. Attached hood concealed in the collar with drawstring and stoppers
2. Storm front with zipper and snaps closure
3. Two pockets with flap on chest
4. Waist adjustable with drawstring and stoppers



PARKA

Fabric: 300DX300D polyester oxford with PU coating

Padding: 160G/M2 quilted polyester in 10CM*10CM

Lining: 190T polyester taffeta

Inner collar: 260G/M2 micro polar fleece

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Front with zipper closure
3. One zipper pocket on left chest
4. One zipper pocket on inner left chest



PARKA

Fabric: 300DX300D polyester oxford with PU coating

Padding: 160G/M2 quilted polyester in 10CM*10CM

Lining: 190T polyester taffeta

Inner collar: 260G/M2 micro polar fleece

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Front with zipper closure
3. One pocket on inner chest
4. Two zipper pockets in front
5. Rib cuffs and sweep

2 IN 1 WINTER PARKA

Outjacket

Fabric: 300DX300D polyester oxford with PU coating

Lining: 190T polyester taffeta

Pocket Lining: 190T polyester taffeta

Interactive jacket

Fabric: 280G/M2 micro polar fleece

Sizes: S-3XL



Parka



PARKA

Fabric: 300DX300D polyester oxford with PU coating

Padding: 160G/M2 quilted polyester in 10CM*10CM

Lining: 190T polyester taffeta

Inner collar: 260G/M2 micro polar fleece

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Two pieces of transparent PVC on the hood
3. Storm front with zipper and snaps closure
4. Two zipper pockets in front

JACKET

Fabric: 150DX150D polyester oxford with PU coating

Lining: polyester mesh

Sleeves Lining: polyester taffeta

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Front with zipper closure
3. Two zipper pockets in front
4. Two 5cm reflective tapes around the sleeves and body



SOFTSHELL JACKET

Fabric: 310G/M2 3 layers softshell

Fabric: 300DX300D polyester oxford with PU coating for piping of inner storm front and neckline

Lining: 75G/M2 polyester mesh for lining

Sizes: S-3XL

1. Front with zipper closure
2. One zipper pocket on right chest
3. Reflective piping on chest and back
4. One 5cm reflective tape around the sleeves, two 5cm reflective tapes around the body
5. Eyelets underarm
6. Cuffs adjustable with velcros
7. Sweep adjustable with stoppers and elastic drawstring
8. Two zipper pockets in front



JACKET

Fabric: 170G/M2 PU/Polyester tricot

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Double storm front with zipper and snaps closure
3. Two pockets with flap on chest
4. Two pockets with flap in front
5. Waist adjustable with drawstring and stoppers
6. Elastic cuffs adjustable with velcros
7. Ventilated cape back with polyester mesh lining



PARKA

Fabric: 300DX300D polyester oxford with PU coating

Padding: 160G/M2 quilted polyester in 5CMX5CM

Lining: 190T polyester taffeta

Inner collar: 220G/M2 micro polar fleece

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Storm front with zipper and snaps closure
3. One mobile pocket on left chest
4. One pocket on inner pocket
5. Two pockets with flap in front
6. Two pockets for pens on left sleeves

JACKET

Fabric: 150DX150D polyester oxford with PU coating

Lining: 190T polyester taffeta

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Storm front with zipper and snaps closure
3. One mobile pocket on chest
4. Two pockets with flap in front
5. Two 5cm reflective tapes around the shoulders and sleeves, one 5cm reflective tape around the body
6. Elastic cuffs adjustable with velcros



JACKET

Fabric: 150DX150D polyester oxford with PU coating

Lining: polyester mesh

Sleeves Lining: polyester taffeta

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Front with zipper closure
3. Two zipper pockets in front
4. Two 5cm reflective tapes around the sleeves and body

RAIN SUIT

Fabric: 170G/M2 PU/Polyester tricot

Sizes: S-3XL

Rain jacket:

1. Attached hood concealed in the collar with drawstring and stoppers
2. Double storm front with zipper and snaps closure
3. Two pockets with flap in front
4. Two 5cm reflective tapes around the sleeves and body
5. Elastic cuffs adjustable with velcros
6. Ventilated cape back with polyester mesh lining



EN20471



EN343



BIB PANTS

Bib Pants workwear

80% polyest, 20% cotton mixed fabric,
280g/sqm

Heat transfer broken tape

Three horizontal reflective tape

A Pocket in the Front

size: xs-3xl



4 IN 1 PILOT

Outjacket fabric: 300DX300D polyester oxford with PU coating

Pocket Lining: 190T polyester taffeta

Padding: 180G/M2 quilted polyester in 5CM*5CM

Interactive jacket fabric: 500G/M2 fur

Sizes: S-3XL

2 IN 1 PILOT

Outjacket fabric: 300DX300D polyester oxford with PU coating

Lining: polyester mesh

Pocket Lining: 190T polyester taffeta

Interactive jacket fabric: 280G/M2 micro polar fleece

Sizes: S-3XL



COVERALL

Fabric: 300DX300D polyester oxford with PU coating

Lining: 190T polyester taffeta

Padding: 160G/M2 quilted polyester

Inner collar: 220G/M2 micro polar fleece

Sizes: S-3XL

1. Attached hood concealed in the collar with drawstring and stoppers
2. Double storm front with zipper and snaps closure
3. One polyester loop on right chest
4. One inner zipper pocket on left chest
5. Two pockets with flap in front
6. Rib inner wind cuffs
7. Elastic back waist
8. Two pockets with flap on the front of legs
9. Leg openings adjustable with zipper
10. Two 5cm reflective tapes around the body, shoulders, sleeves and legs





FALL PROTECTION

Fall Protection

About Full Body Harness

- Full body harness are designed to arrest a fall while simultaneously distributing the tremendous shock or load to the worker's body.
- There are many applications and conditions in which full body harness must be worn. In order to maximize effectiveness and minimize injury, it's critical that an appropriate body harness be selected on the job for which it is intended. COSYSTAR offers a full range of body harness for almost every application.
- Full body harness must be fitted and tightened properly to ensure maximum protection and minimize injury.
- All COSYSTAR full body harness are built to meet or exceed the highest standards while providing maximum fit and comfort.

Harness Classes

- Full-body harnesses come in many styles with a variety of attachment points (D-rings). The placement of these D-rings is critical to the type of application and positioning of the worker when performing a job.
- The fall protection industry and regulatory committees have standardized the positioning of these attachment rings into Harness Classes A, D, E, L, P.
- Depending on the application, full-body harnesses may require more than one attachment class in order to correctly position the body and stress points during a fall.
- All full-body harnesses come with a standard Class A D-ring (located at the back between the shoulder blades).



CLASS A
FALL ARREST



CLASS D
DESCENT



CLASS E
LIMITED ACCESS



CLASS L
LADDER



CLASS P
WORK POSITIONING

Harness Hardware

COSYSTAR full-body harnesses are available with a variety of buckle types for your convenience:



Pass-Thru
Chest Strap



Pass-Thru
Leg Strap



Stab Lock
Chest or Leg Strap



Dorsal D-Ring



Friction Torso Adjustment



Lanyard Park

Reference Guide

COSYSTAR offers three series of harness: Economy, Comfort and Premium.

- Certified to both ANSI Z359.11 and CSA Z259.10 standards
- Meet or exceed all applicable OSHA standards
- 130 to 310 lbs. (59 to 140kg) capacity (combined weight of person, tools, clothing etc.)
- Sub-pelvic strap for added safety and support
- Fall indicator for easier inspection before use
- High strength Polyester webbing



Economy

SHCZ-11005 SERIES

- Hi-viz green
- 3 points of adjustment ensuring a good fit (2 Leg, 1 Chest)
- Buckles: Pass-Thru (Chest and Legs)



Comfort

SHCZ-11002 SERIES

- Hi-viz green top and black bottom, easily visible and distinguishable for ease donning
- 5 points of adjustment ensuring a good fit (2 Leg, 2 Torso, 1 Chest)
- Buckles: Pass-Thru (Chest and Legs)



Premium

SHCZ-11001 SERIES

- Hi-viz green top and black bottom, easily visible and distinguishable for ease donning
- 5 points of adjustment ensuring a good fit (2 Leg, 2 Torso, 1 Chest)
- Buckles: Pass-Thru (Chest and Legs)

Comfort

Model	SHCZ-11002	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	Friction
Class	Class A	
Feature	Comfort type (Basic)	



Model	SHCZ-11002E	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	Friction
Class	Class E	
Feature	Premium padding and D ring on the shoulders	



Model	SHCZ-11002E	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	Friction
Class	Class A	
Feature	Reflective strips on webbing	



Model	SHCZ-11002B6020	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	Friction
Class	Class P	
Feature	Reinforced padded lumbar support belt with side D ring	



Economy



Model	SHCZ-11005	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	N/A
Class	Class A	
Feature	Economy (Basic type)	

Model	SHCZ-FG11005	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	N/A
Class	Class A	
Feature	Reflective strips on webbing	

Model	SHCZ-11005H	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	N/A
Class	Class A	
Feature	With Pass Thru waistband	

Model	SHCZ-11005L6020	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Pass Thru
	LEGS	Pass Thru
	TORSO	N/A
Class	Class A	
Feature	Reinforced padded lumbar support belt	

Premium



Model	SHCZ-11001	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Stab Lock
	LEGS	Stab Lock
	TORSO	Friction
Class	Class A	
Feature	Premium type (Basic)	



Model	SHCZ-11001L	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Stab Lock
	LEGS	Stab Lock
	TORSO	Friction
Class	Class L	
Feature	Ladder climbing front D ring	



Model	SHCZ-11001B6020	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Stab Lock
	LEGS	Stab Lock
	TORSO	Friction
Class	Class P	
Feature	Reinforced padded lumbar support belt with side D ring	



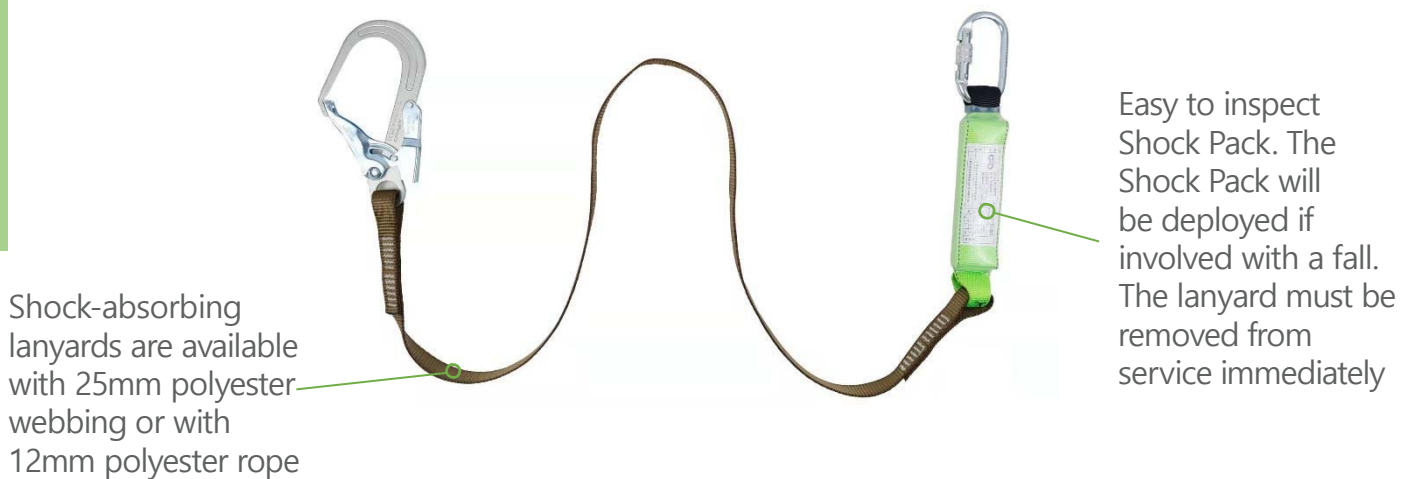
Model	SHCZ-11007	
Weight Capacity	130 to 310 lbs. (59 to 140kgs)	
Size	Universal	
BUCKLE TYPE	CHEST	Stab Lock
	LEGS	Stab Lock
	TORSO	Friction
Class	Class D	
Feature	Premium padded back, lumbar and leg straps for suspending operation	

Lanyards

- Lanyards are engineered products, and the critical connection component between the full body harness and the anchor. They are sometimes referred to as connectors
- COSYSTAR lanyards are designed and tested to comply to strict CSA and ANSI standards
- There is a wide variety of lanyards to suit a wide range of applications
- There are two common types of lanyards: Fall Restraint and Fall Arrest

Fall Arrest Lanyards

- The shock absorbing action of these lanyards limits and reduces the force of a fall on the worker, significantly reducing injury to the body.



Travel Restraint Lanyards

- Fall restraint lanyards are a fixed-length connection and have no shock absorbing capability
- These lanyards are designed to limit the distance a worker can move from the anchor point and towards the edge of the structure and should never be used when there is a risk of falling



Fall Arrest Lanyards



Model	SHCZ-31001C
Style	Single leg, webbing type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	1 Scaffold hook
Body Connecting Hook	1 Screw Gate hook
Length	6' (1.8m)



Model	SHCZ-31002C
Style	Double leg, webbing type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	2 Scaffold hooks
Body Connecting Hook	1 Screw Gate hook
Length	6' (1.8m)



Model	SHCZ-31011C
Style	Single leg, rope type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	1 Scaffold hook
Body Connecting Hook	1 Screw Gate hook
Length	6' (1.8m)



Model	SHCZ-31010C
Style	Double leg, rope type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	2 Scaffold hooks
Body Connecting Hook	1 Screw Gate hook
Length	6' (1.8m)

Fall Arrest Lanyards



Model	SHCZ-31016C
Style	Single leg, Elastic type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	1 Scaffold hook
Body Connecting Hook	1 Screw Gate hook
Length	2.6' (0.8m Unstretched) 6' (1.8m Stretched)

Model	SHCZ-31017C
Style	Double leg, Elastic type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	2 Scaffold hooks
Body Connecting Hook	1 Screw Gate hook
Length	2.6' (0.8m Unstretched) 6' (1.8m Stretched)

Travel Restraint Lanyards



Model	SHCZ-31002C
Style	Single leg, rope type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	1 Scaffold hook
Body Connecting Hook	1 Screw Gate hook
Length	6' (1.8m), can be customized

Model	SHCZ-31002C
Style	Double leg, rope type
Weight Capacity	130 to 310 lbs. (59 to 140kg)
Anchor Hook	2 Scaffold hooks
Body Connecting Hook	1 Screw Gate hook
Length	6' (1.8m), can be customized

Fall Protection For Confined Space

Entry & Rescue Tripod

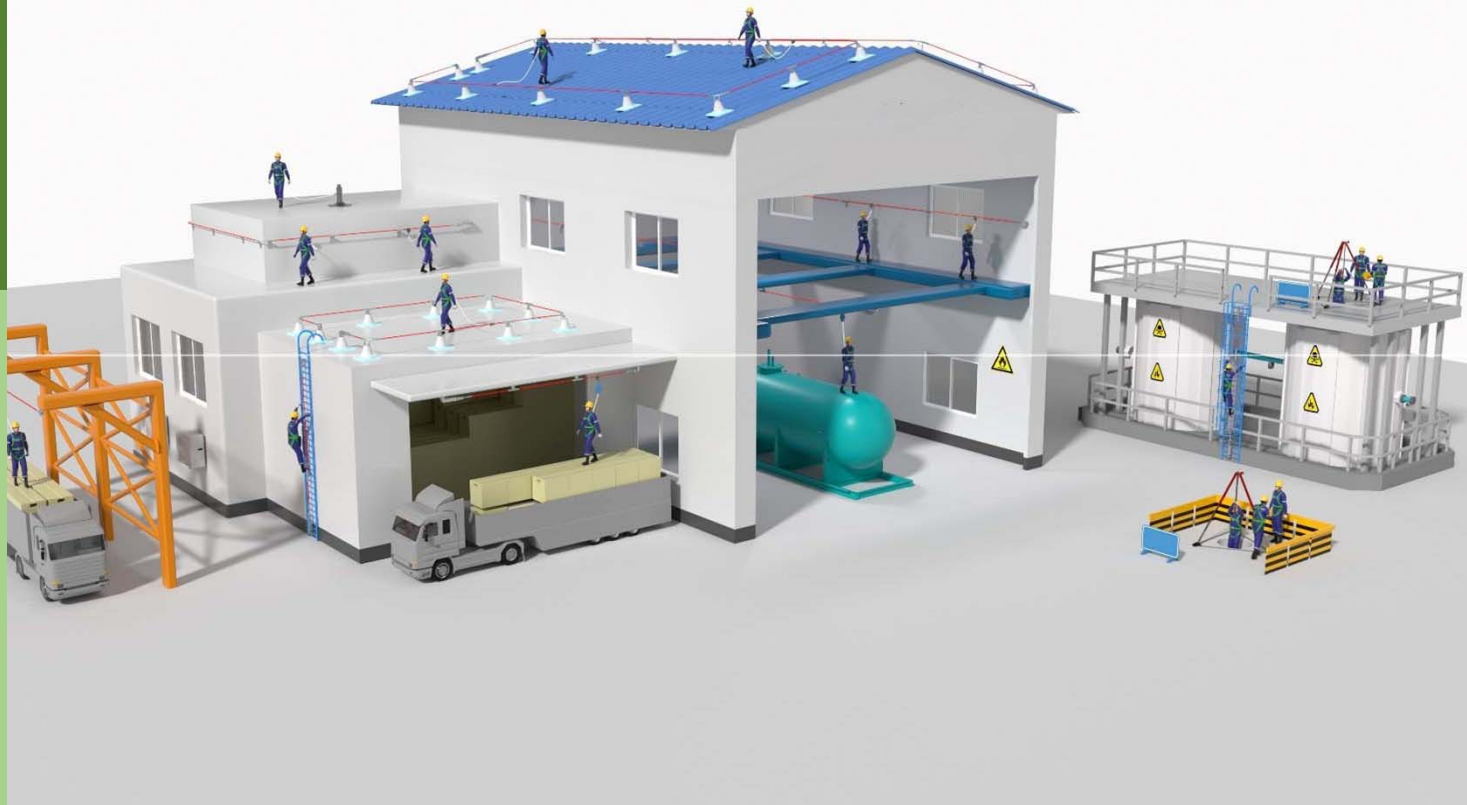
Confined spaces represent a major health and safety risk for many workers when carrying-out tasks in the Sewerage, Telecom and Power Distribution underground infrastructures. Accessing vertical confined spaces always require the use of a fall arrest device, usually an Accessing & Rescue Tripod System. Rescuing capabilities could be provided by a dedicated winch or through a special device combining a retractable type fall arrester with rescuing capabilities

COSYSTAR Accessing & Rescue Tripod is a good idea to facilitate both easy entry into and quick exit from confined spaces.



MODEL NO.	PRODUCT NAME	DESCRIPTION
TR9003	ACCESSING & RESCURE TRIPOD	7.9' (2.47m) height aluminum tripod, telescoping adjustable locking legs; Integrated 3 anchor points (22 KN); Built-in pulley system - can accommodate up to three pulleys.
FR2004	Winch	Working Capacity: Up to 310 lbs. (140kg) Cable length: 80' (25m)
SHCZ-11002E	Rescue Full Body Harness	5 points of adjustment ensuring a good fit (2 Leg, 2 Torso, 1 Chest); 2 D rings on shoulder to connect with the Rescue Yoke
CP-15003	Rescue Yoke	Connector of SHCZ-11002E and TR9003. To facilitate quick exit from confined spaces when accident happens.

COSYSTAR CT60 Horizontal Lifeline Systems



Instructions

When users work at height, CosyStar CT60 Lifeline System could protect users from falling to the ground. The built-in energy absorber not only reduces impact force on the user but also reduces anchorage loadings to preserve the structure.

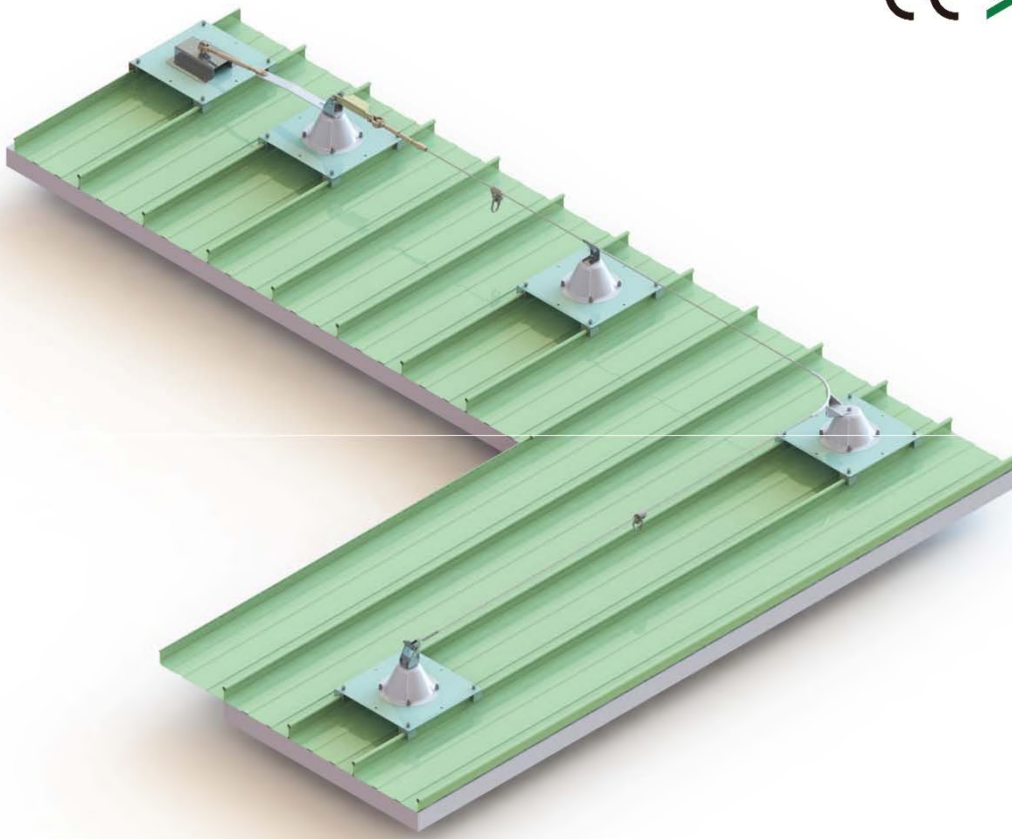
Safe and Efficient

CosyStar CT60 offers modular components that accommodate a variety of building structures, metal roofing, concrete, and steel. That's why it provides an even broader application field, warehouse roofing, overhead crane, loading by, building cleaning and maintenance access. The simple installation method makes it more time savings, which significantly reduces project costs.

Certificate



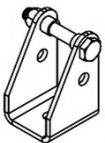
CosyStar CT60 Lifeline System conforms to EN795 Class C and is CE approved by Dekra Testing and Certification GmbH (Germany). The lifeline enables smooth and uninterrupted travel for up to 6 users while working at height. The system allows up to 15m between intermediate supports. CosyStar CT60 lifeline system is a reliable, cost-effective way to reduce the risk of injury in the elevated work environment.



Instruction

- Components using grade 316 Stainless steel provides long term corrosion resistance.
- Secure up to 6 users simultaneously.
- Conforms with EN795 type C and CEN/TS 16415:2013
- Provide users a hand-free working environment throughout the system.
- Allow spans of up to 15m between supports
- Solutions for all types of building structures.
- The roof anchor post are compatible with all major roofing profiles

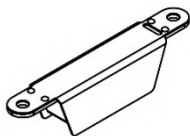
Standard Components



CT682

End Anchor

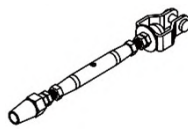
M: #316 SS; W: 550g
The end anchor can be used in all applications



CT608

Energy Absorber

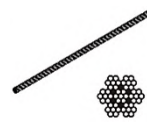
M: #316 SS; W: 730g
2 functions: fall indicator and energy absorber



CT617

Cable Tensioner

M: #316 SS; W: 730g
Pretensioner: 0.8 - 1.5kN



SS Cable

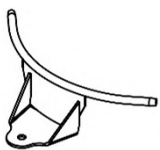
M: #316 SS
Breaking strength
7x7 cable : 39.0kN
1x19 cable : 52.8kN



CT651

Intermediate Bracket

M: #316 SS; W: 230g
This intermediate bracket is use for roof system



CT661

90° Curve Bracket

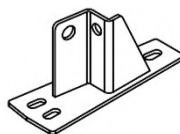
M: #316 SS; W: 820g
Using for 90° curves on roof applications



CT661

Swagless Cable End

M: #316 SS; W: 380g
The swagless cable end is for 8mm cable



CT687

End Anchor

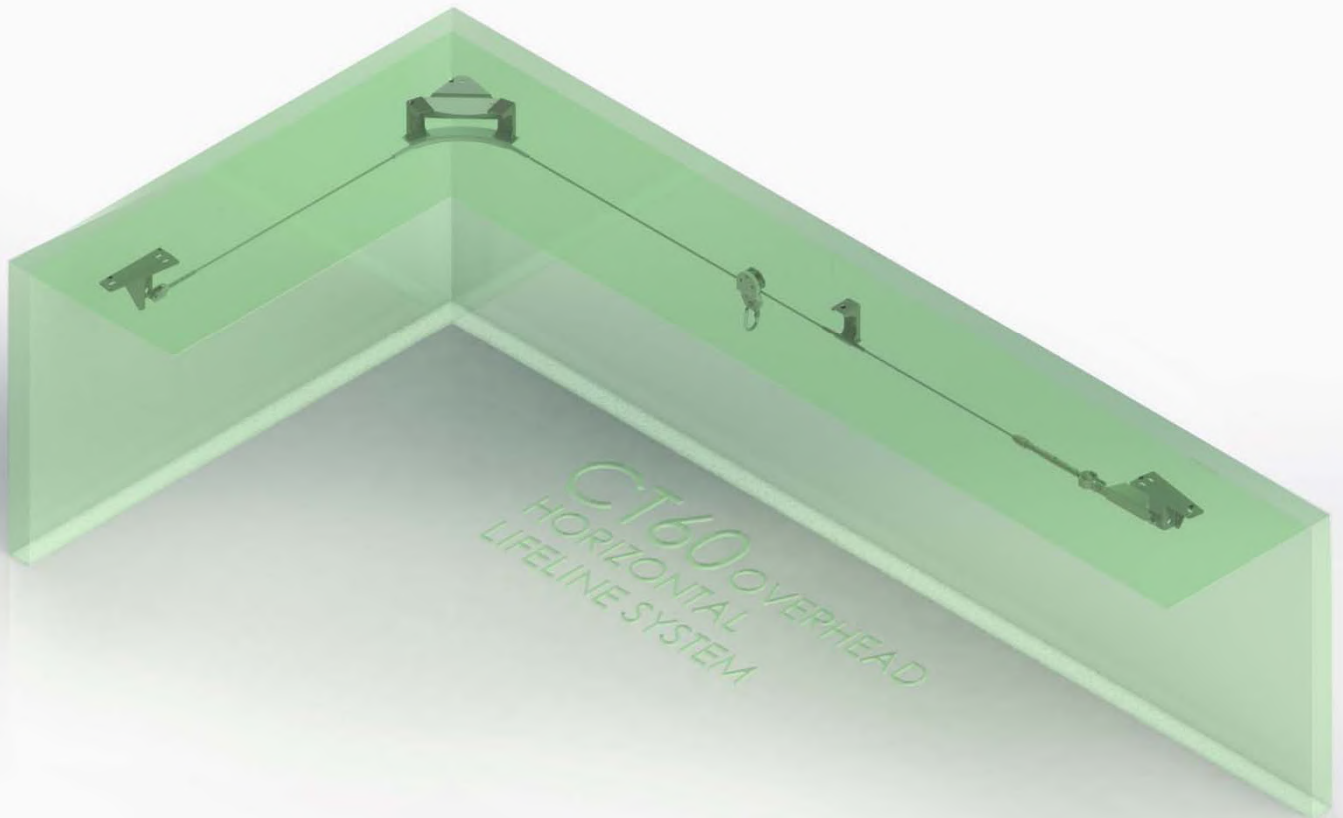
M: #316 SS; W: 1200g
This anchor can be used 2 ways : fork and screw



CT691

Universal Trolley

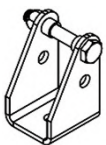
M: #316 SS; W: 500g
Using for roof, wall, and overhead applications.



Instruction

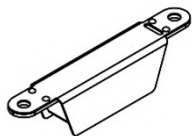
- All components using grade 316 Stainless steel provides long term corrosion resistance.
- Secure up to 4 users simultaneously.
- CT60 in-line shock absorber reduces loads to building structure.
- The tensioner with higher pre-tension reduce cable deflection and sag on overhead application.
- The intermediate bracket is detachable which saves installation time and reduces project costs.
- The bracket enables a space between the ceiling and the wire rope to let the trolley pass effortlessly.

Standard Components



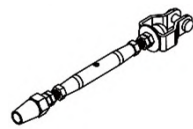
CT682
End Anchor

M: #316 SS; W: 550g
The end anchor can be used in all applications



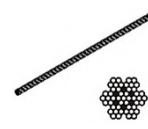
CT608
Energy Absorber

M: #316 SS; W: 730g
2 functions: fall indicator and energy absorber



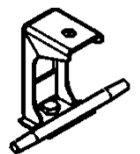
CT617
Cable Tensioner

M: #316 SS; W: 730g
Pretensioner: 0.8 - 1.5kN



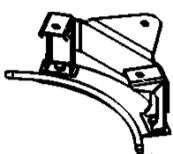
SS Cable

M: #316 SS
Breaking strength
7x7 cable : 39.0kN
1x19 cable : 52.8kN



CT657
Intermediate Bracket

M: #316 SS; W: 230g
Mainly using for overhead system



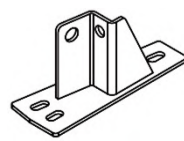
CT661
90° InnerCurve Bracket

M: #316 SS; W: 2500g
Using for 90° curves on overhead applications



CT661
Swagless Cable End

M: #316 SS; W: 380g
The swageless cable end is for 8mm cable



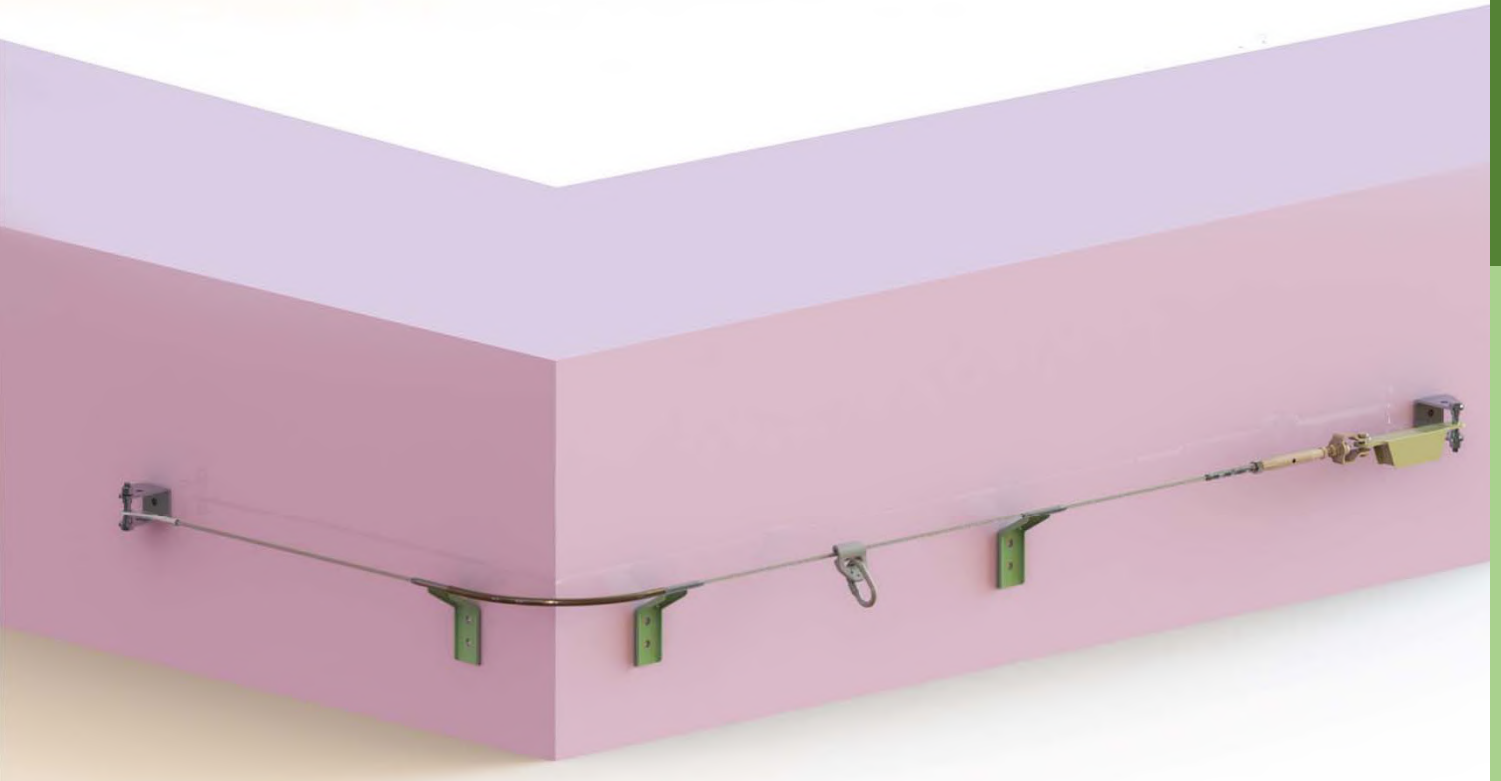
CT687
End Anchor

M: #316 SS; W: 1200g
This anchor can be used 2 ways : fork and screw



CT687
Overhead Trolley

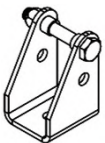
M: #316 SS; W: 980g
Only using for overhead applications.



Instruction

- All components using grade 316 Stainless steel provides long term corrosion resistance.
- Secure up to 4 users simultaneously.
- CT60 in-line shock absorber reduces loads to building structure.
- The tensioner with higher pre-tension reduce cable deflection and sag on wall application.
- The wall mounted intermediate bracket is detachable which saves installation time and reduces project costs.
- The bracket enables a space between the wall and the wire rope to let the trolley pass effortlessly.

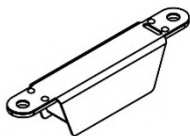
Standard Components



CT682

End Anchor

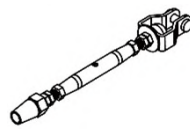
M: #316 SS; W: 550g
The end anchor can be used in all applications



CT608

Energy Absorber

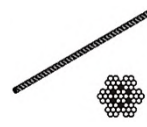
M: #316 SS; W: 730g
2 functions: fall indicator and energy absorber



CT617

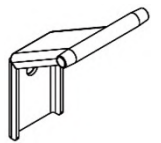
Cable Tensioner

M: #316 SS; W: 730g
Pretensioner: 0.8 - 1.5kN



SS Cable

M: #316 SS
Breaking strength
7x7 cable : 39.0kN
1x19 cable : 52.8kN



CT654

Intermediate Bracket

M: #316 SS; W: 230g
This bracket is only using for wall applications



CT664

90° Curve Bracket

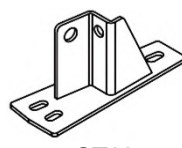
M: #316 SS; W: 460g
Using for 90° curves on wall applications



CT661

Swagless Cable End

M: #316 SS; W: 380g
The swagless cable end is for 8mm cable



CT687

End Anchor

M: #316 SS; W: 1200g
This anchor can be used 2 ways : fork and screw



CT687

End Anchor

M: #316 SS; W: 500g
Using for roof, wall, and overhead applications.

Toll Collar

Tool Collar Lanyards

- The Tool Collar tethering system includes two specially designed lanyards that connect the tool anchor clamp to either the operator or to a suitable anchor point;
- The wrist lanyard features a built-in heavy duty adjustable wrist collar on one end and a small carabiner on the other, conveniently tethering the tool to your wrist;
- The standard lanyard features two small carabiners designed to connect to the tool anchor clamp and the other end to operator (or a suitable anchor);
- The small carabiner is designed to fit into the molded eye hole built-in to each of the Tool Collar HDPE clamps and is used to tether the tool to your body or to a suitable fixed anchor;
- Both lanyards can also be used and mounted to variety of other tools in the market that feature hang-ing hole openings (i.e., adjustable wrenches and pipe wrenches);
- Tool Collar lanyards are designed for use with tools with a weight limitations. Do not exceed this weight limitation.



SHCZ-T101



SHCZ-T102



SHCZ-T201



SHCZ-T202

MODEL NO.	STYLE	LENGTH		WEIGHT CAPACITY
		UNSTRETCHED	STRETCHED	
SHCZ-T101	Single leg, economy type	2.3' (0.7m)	3.3' (1m)	3.3Lbs (1.5 Kgs)
SHCZ-T102	Single leg, adjustable type	2.3' (0.7m)	3.3' (1m)	3.3Lbs (1.5 Kgs)
SHCZ-T201	Double leg, economy type	3' (0.9m)	4' (1.2m)	20Lbs (9 Kgs)
SHCZ-T202	Double leg, adjustable type	3' (0.9m)	4' (1.2m)	20Lbs (9 Kgs)

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