



CHINTAN TRADERS

Your complete safety partner.

**PROTECTING EVERY
WORKER.
EVERY HAZARD. EVERY
SITE.**

PRODUCT CATALOGUE



About Us

Founded in 1996 by Chintan Kadakia in Ankleshwar, Chintan Traders has grown from a local safety equipment supplier into one of Gujarat's most trusted authorised distributors of PPE and fire safety products.












Serving the dense industrial belt of GIDC Ankleshwar and Bharuch, we supply certified personal protective equipment to chemical plants, pharmaceutical units, oil & gas facilities, construction sites and manufacturing industries.

As authorised distributors for KARAM, Venus Safety, Deltaplus, Ansell, and Atlas — every product we supply is genuine, fully certified and backed by manufacturer warranty.

Registered on the Government e-Marketplace (GeM), IEC certified for exports, and proud to have supplied to ISRO ahead of the Chandrayaan-3 mission — we bring the same commitment to every order, whether it's 10 helmets or 10,000.

Brands We Carry

Chintan Traders is an authorised distributor for KARAM, Venus Safety, Deltaplus, and Ansell. We also supply products from other trusted brands listed below. All products we supply are genuine and certified.

 <p>KARAM</p> <p>India's leading PPE manufacturer. Full range from helmets to fall protection.</p> <p>✓ Authorised Distributor</p>	 <p>Venus Safety</p> <p>High Protection · Best Comfort · Great Value. Comprehensive PPE range.</p> <p>✓ Authorised Distributor</p>	 <p>Atlas</p> <p>Atlas Protective Products — safety footwear and hand protection specialists.</p> <p>Supplier</p>
 <p>Ansell</p> <p>Global leader in chemical-resistant and medical-grade hand protection.</p> <p>✓ Authorised Distributor</p>	 <p>Deltaplus</p> <p>French PPE brand — full body protection, workwear and accessories.</p> <p>✓ Authorised Distributor</p>	 <p>Leslco</p> <p>Specialist respiratory protection and disposable PPE solutions.</p> <p>Supplier</p>
 <p>Dräger</p> <p>German engineering. Gas detection, SCBA and advanced respiratory systems.</p> <p>Supplier</p>	 <p>Mangla</p> <p>Industrial safety footwear — gumboots and chemical-resistant footwear.</p> <p>Supplier</p>	 <p>AAAG</p> <p>AAAG Industries — Since 1933. Industrial gloves and hand protection.</p> <p>Supplier</p>
 <p>Kanex Fire</p> <p>Fire extinguishers, suppression systems and fire safety equipment.</p> <p>Supplier</p>	 <p>NewAge Industries</p> <p>Fire hoses, couplings and firefighting infrastructure products.</p> <p>Supplier</p>	

Authorised Distributor Certificates

Chintan Traders holds valid authorised dealership / distributor certificates from each of the brands listed below. These certificates confirm that all products supplied by us are genuine, brand-authorised, and eligible for manufacturer warranty and after-sales support. Copies of these certificates are available on request.

KARAM

Authorised Dealer Certificate

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VENUS SAFETY

Authorised Distributor Certificate

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DELTAPLUS

Authorised Distributor Certificate

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ANSELL

Authorised Distributor Certificate

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How to Use This Catalogue

Each product category opens with a brief technical introduction and applicable standards table, followed by the full product listing. Use the product code when placing an order.

Column guide:

Code	Manufacturer's product code. Quote this code when ordering.
Product/Brand	Product name and the brand that manufactures it.
Key Features	Material, coating, performance level, size options, and application notes.
Standard	Certification standard the product is tested to. Match this to your site compliance requirement.

Important notes:

- Prices are not listed. Contact us for a current price list or quotation.
- All products subject to stock availability. Specifications may change without notice.
- Bulk and site-kit pricing available. MOQ varies by product.
- New accounts: advance payment. Established accounts: 30-day net terms (subject to approval).
- Defective or incorrectly supplied goods must be reported within 7 working days of receipt.
- Test certificates and brand authorisation letters available on request for any listed product.
- Per EN 365 and IS 3521:2021, fall protection PPE must be inspected every 12 months by a KARAM-authorized competent person (15 KARE service centres across India).

Head Protection



Safety helmets protect against impact, penetration, and electrical hazards. IS 2925 is mandatory under the Factories Act. EN 397 is the European equivalent accepted by multinational contractors. KARAM helmets are manufactured from UV-stabilised virgin-grade polymers with no regrind. All helmets can be fitted with face shields (ES 51/ES 61/ES 71) and helmet-mount earmuffs (EP 23) via side slots.

Applicable Standards

Standard	Description
IS 2925:1984	Industrial Safety Helmets — mandatory for factories under Factories Act
EN 397:2012	Industrial Safety Helmets — European Standard
ANSI/ISEA Z89.1-2014	American National Standard — Type I/II, Class G/E/C

Products (15 items)

Code	Product / Brand	Key Features	Standard
PN-521	SHELMET — Ratchet Vented KARAM	• ABS shell, ventilated • 6-point ratchet suspension • Textile sweat-absorbing headband • Side slots for PPE connectivity • Colors: White, Yellow, Orange, Blue, Red	IS 2925, EN 397
PN-501	SHELMET — Pin-lock KARAM	• ABS shell, non-vented • Pin-lock adjustment, 6-point nylon cradle • Colors: White, Yellow, Orange, Blue	IS 2925
PN-561	SHELTEK — Slider Vented KARAM	• Polypropylene co-polymer shell, Quadro corrugation • Slider-type adjustment, 6-point plastic cradle • Rain management system, protective peak, side slots • Temp range: -20°C to +50°C, weight: 380 g ±10 g • Electrical properties & lateral deformation certified	IS 2925, EN 397
PN-581	SHELTEK — Ratchet Non-vented KARAM	• Polypropylene co-polymer, Quadro corrugation • Ratchet-type adjustment, 6-point plastic cradle • Non-vented — for electrical hazard environments • Temp range: -20°C to +50°C, weight: 405 g ±10 g	IS 2925, EN 397
PN-561(T)	SHELTEK — Slider Vented, Textile Cradle KARAM	• Same as PN-561 with textile (breathable) cradle • Weight: 355 g ±10 g — lightest in Sheltek range • Preferred for prolonged wear in hot environments	IS 2925, EN 397
PN-581(T)	SHELTEK — Ratchet Non-vented, Textile Cradle KARAM	• Same as PN-581 with textile cradle • Weight: 380 g ±10 g	IS 2925, EN 397
PN-541	SHELBLAST — Vented Yellow KARAM	• Vented ABS shell, Yellow • Textile cradle • Lightweight — 340 g	IS 2925
PN-542	SHELBLAST — Vented Ratchet KARAM	• Vented shell, ratchet adjustment • Standard construction site helmet	IS 2925
PN-545	SHELBLAST — Non-vented White KARAM	• Non-vented ABS, White • 6-point nylon cradle, pin-lock • Supervisor / visitor identification	IS 2925
PN-546	SHELBLAST — Non-vented Ratchet White KARAM	• Non-vented shell, ratchet • White — EHS and supervisor use	IS 2925

Code	Product / Brand	Key Features	Standard
PN-574	SHELTOR — Ratchet KARAM	<ul style="list-style-type: none"> • NEW — ABS thermoplastic shell • Ratchet adjustment, textile breathable cradle • Front sweat band + back head pad • Increased vertical clearance for better shock absorption • Certified: ANSI/ISEA Z89.1-2014 Type 1 Class G & E + IS 2925 • Colors: White, Yellow, Grey, Blue, Green 	IS 2925, ANSI Z89.1 Class G & E
—	GUARD PVC Helmet KARAM	<ul style="list-style-type: none"> • PVC construction, full brim • Chemical-splash resistant • Chemical process industries 	IS 2925
ES 71	Face Shield — Auto-darkening Welding KARAM	<ul style="list-style-type: none"> • Auto-darkening shade 9–13, solar powered • Helmet-mount bracket included • For MIG, TIG, ARC welding 	EN 166, EN 175
ES 51	Face Shield — Clear Polycarbonate KARAM	<ul style="list-style-type: none"> • Clear PC visor, helmet-mount • Anti-scratch hard coat • Grinding, chemical splash, general use 	EN 166, ANSI Z87.1
ES 61	Face Shield — Tinted KARAM	<ul style="list-style-type: none"> • Tinted PC visor, helmet-mount • Light welding and oxy-acetylene 	EN 166

Ear Protection



Noise above 85 dB(A) over an 8-hour shift causes permanent, irreversible hearing loss. SNR (earmuffs) and NRR (earplugs) state the attenuation in decibels. Select based on measured workplace noise level. Corded earplugs prevent loss in environments where dropped PPE is itself a hazard.

Applicable Standards

Standard	Description
EN 352-1	Earmuffs — over-head type
EN 352-2	Earplugs — inserted type
EN 352-3	Earmuffs — helmet-mounted type
IS 9167:1979	Indian Standard for Ear Protectors

Products (12 items)

Code	Product / Brand	Key Features	Standard
H555	Earmuff — High Attenuation VENUS	• Over-head • SNR 33 dB — for very high noise environments • Soft PVC cushions, adjustable headband	EN 352-1
H556	Earmuff — Helmet Mount VENUS	• Clips onto safety helmets • Foldable cups for storage • SNR 27 dB	EN 352-3
H510	Earmuff — Red/Black VENUS	• Over-head, red/black cups • SNR 27 dB • Moderate noise: 85–95 dB	EN 352-1
H530	Earmuff — Contoured Cushion VENUS	• Ergonomic contoured cushions • SNR 29 dB • Comfortable for prolonged wear	EN 352-1
H550	Earmuff — Economy VENUS	• Lightweight • SNR 24 dB • Intermittent noise exposure	EN 352-1
H 303	Corded Reusable Earplug VENUS	• Triple-flange reusable • NRR 27 dB • Cord prevents loss, washable	EN 352-2
H 101	Disposable Foam Earplug VENUS	• Uncorded disposable foam • NRR 29 dB • Slow-recovery for easy insertion • Box of 200 pairs	EN 352-2
H 1010	Earplug Dispenser VENUS	• Wall-mounted, holds ~500 pairs of H 101 • Promotes consistent PPE use at site entry	—
EP 22	Earmuff — Compact Foldable KARAM	• Over-head, compact • SNR 26 dB • Folds flat for storage	EN 352-1
EP 23	Earmuff — Helmet Mount KARAM	• For SHELNET, SHELTEK, SHELTOR series helmets • Clips to side slots • SNR 27 dB	EN 352-3
EP 300	Disposable Foam Earplug — Bulk KARAM	• NRR 29 dB • Uncorded slow-recovery foam • Box of 200 pairs	EN 352-2
EP 02	Corded Reusable Earplug KARAM	• Reusable with storage case • NRR 25 dB • Washable	EN 352-2

Eye Protection



Eye injuries from flying particles, chemical splash, UV radiation, and molten metal are common and preventable. EN 166 covers general eye protection. EN 169 covers welding filters; EN 170 covers UV. Select spectacles for impact/particle hazards, sealed goggles for chemical splash, and face shields for large-area or thermal hazards.

Applicable Standards

Standard	Description
EN 166:2002	Personal Eye Protection — general specifications
EN 169:2002	Welding filters
EN 170:2002	UV filters
IS 5983:1980	Indian Standard — Eye Protectors
ANSI Z87.1	US Occupational Eye & Face Protection

Products (22 items)

Code	Product / Brand	Key Features	Standard
ES 001 CLR(PK)	Safety Spectacle — Pink Frame KARAM	• Clear lens, pink frame • Anti-scratch coat • Wraparound design	EN 166
ES 001 CLEAR	Safety Spectacle — Neutral KARAM	• Clear lens, neutral frame • Anti-scratch coat • Lightweight nylon	EN 166
ES 001 CLR(NG)	Safety Spectacle — Green Frame KARAM	• Clear lens, neon-green frame • Anti-fog option available • High visibility frame	EN 166
ES 005	Safety Spectacle — Sporty Black KARAM	• Clear wide-angle lens • Black nylon frame • Anti-scratch coat	EN 166
ES 006	Over-Spectacle (OTG) KARAM	• Worn over prescription glasses • Clear lens • Larger frame for Rx eyewear	EN 166
ES 007	Safety Spectacle — Tinted KARAM	• Green-tinted lens • UV400 protection • Outdoor / bright-light environments	EN 166
ES 015	Safety Spectacle — Dual Coat KARAM	• Anti-fog + anti-scratch dual coating • Blue/white frame • High-humidity environments	EN 166
ES 009	Chemical Splash Goggles KARAM	• Indirect vent — prevents liquid ingress • Clear PC lens, soft PVC body • Acid handling, lab work	EN 166
G-305	Safety Spectacle — Smoke Lens VENUS	• Dark smoke tinted lens • UV400 protection • Wraparound, outdoor use	EN 166
Spectacle String	Neck Cord — Universal VENUS	• Elastic neck cord for safety spectacles • Prevents dropping • Universal fit	—

Code	Product / Brand	Key Features	Standard
G-101	Safety Spectacle — Economy Clear VENUS	• Clear lens, lightweight nylon • Economy model for high-consumption	EN 166
G 507-CHC-AF	Chemical Goggle — Anti-fog VENUS	• Indirect vent, silicone body • Anti-fog lens • Best seal against chemical vapour	EN 166
G 501-CHC	Chemical Goggle — PVC VENUS	• Clear PVC body, indirect vent • Standard chemical splash goggle	EN 166
G 503-CHC	Chemical Goggle — Sealed VENUS	• Fully sealed frame • Corrosive vapour resistant • Highly hazardous environments	EN 166
G-603	Cover Goggle (OTG) VENUS	• Worn over prescription glasses • Direct/indirect dual vent	EN 166
G-605	Safety Spectacle — Standard VENUS	• Clear lens, black frame • Anti-scratch coat	EN 166
G-607	Safety Spectacle — Smoke Sporty VENUS	• Smoke tinted, UV protection • Sporty design	EN 166
G-750	Welding Goggle — Flip-front VENUS	• Shade 5 IR lens • Flip-front for oxy-acetylene • Clear lens when flipped up	EN 169
G-102 REGULAR	Safety Spectacle — Economy Blue VENUS	• Clear lens, blue frame • High-volume economy model	EN 166
G-767IR	Welding Visor — Fixed VENUS	• Shade 5 fixed visor, helmet-mount • Grinding and light welding	EN 175
G-306	Safety Spectacle — Red Frame VENUS	• Clear lens, red frame • Anti-scratch coat	EN 166
G-102	Safety Spectacle — Red/White VENUS	• Clear lens, red/white frame • Lightweight, high-volume model	EN 166

Hand Protection



EN 388 rates mechanical hazards (abrasion, cut, tear, puncture, impact) using a performance score. EN 374 rates chemical resistance — verify breakthrough time against your specific chemical. EN 407 covers heat and flame. Never substitute a general glove for a rated chemical or electrical insulating glove.

Applicable Standards

Standard	Description
EN 388:2016	Mechanical hazard gloves — abrasion, cut, tear, puncture, impact
EN 374:2016	Chemical & micro-organism protective gloves
EN 407:2004	Thermal hazard gloves — heat and flame
IEC 60903	Electrical insulating gloves — Class 0 to Class 4
IS 6994:1973	Indian Standard — Industrial Safety Gloves

Products (16 items)

Code	Product / Brand	Key Features	Standard
HS 01	Nitrile Palm Coated KARAM	• 13G nylon liner • Orange nitrile palm • EN 388: 4131 • Sizes: S/M/L/XL	EN 388
HS 11	Latex Crinkle Palm — Grip KARAM	• Cotton liner, crinkle latex palm • Excellent wet and dry grip • Assembly, material handling	EN 388
HS 21	Nylon Inspection Glove KARAM	• Thin white nylon, uncoated • Inspection, cleanroom, light handling • Lint-free	EN 388
HS 22	PU Palm Coated — Precision KARAM	• 13G nylon liner, black PU palm • Good dexterity for precision assembly • Touchscreen-compatible fingertips	EN 388
HS 31	Polyurethane Coated KARAM	• Grey PU palm coat, foam liner • Electronics and light assembly	EN 388
HS 41	Nitrile Foam — Oil Grip KARAM	• 15G liner, dark grey nitrile foam • Superior oily-conditions grip • Cut level B	EN 388
HS 51	Cut-Resistant — Level C KARAM	• HPPE liner, black nitrile palm • EN 388: 4543 — Cut Level C • Glass handling, sharp edges	EN 388
HS 101	Chemical Glove — Nitrile KARAM	• Green nitrile, 0.38 mm • Extended cuff • Oils, greases, solvents	EN 374
HS 111	Chemical Glove — Natural Rubber KARAM	• Orange rubber, extended cuff • Acid and alkali resistant	EN 374
HS 121	Chemical Glove — PVC Long KARAM	• Blue/yellow PVC, shoulder-length • Immersion and heavy chemical work • Thick wall	EN 374
HS 131	Chemical Glove — Neoprene KARAM	• Black neoprene, long cuff • Broad chemical resistance: acids, alkalis, solvents	EN 374
STARFISH	Rubber Glove — General ATLAS	• Yellow natural rubber • General industrial / household • Textured palm	IS 6994

Code	Product / Brand	Key Features	Standard
STARFISH PLUS	Rubber Glove — Heavy Duty ATLAS	• Blue heavy-duty rubber • Extended cuff, reinforced palm • Heavy chemical cleaning	IS 6994
KFC 006	Knit Liner Glove ATLAS	• Grey polyester/cotton knit • General handling liner or light-duty glove	EN 388
KV 300	Nitrile Glove — Oilfield ATLAS	• Blue nitrile, yellow extended cuff • Oil and hydrocarbon resistant • Oilfield and refinery	EN 374
CYPRESS CL2	Cut Level 2 Glove ATLAS	• HPPE liner, green nitrile foam • Cut Level 2 per EN 388 • Food processing, packaging, sheet metal	EN 388

Foot Protection



IS 15298 (aligned with EN ISO 20345) defines footwear categories: SB (basic 200 J steel toe), S1 (antistatic + energy-absorbing heel), S2 (S1 + water penetration resistance), S3 (S2 + penetration-resistant midsole). Steel toe cap withstands 200-joule impact. Anti-static (ESD) footwear is mandatory in explosive atmosphere zones.

Applicable Standards

Standard	Description
IS 15298:2002	Indian Standard for Safety Footwear
EN ISO 20345:2011	Safety Footwear — SB to S5 categories
IS 5557:1969	Indian Standard — Industrial & Mining Gum Boots

Products (3 items)

Code	Product / Brand	Key Features	Standard
FS 01	Safety Shoe — Leather, Steel Toe KARAM	<ul style="list-style-type: none"> • Full-grain leather upper • Steel toe cap — 200 J impact • Slip-resistant PU/Rubber sole • Category S1P: antistatic + penetration midsole • Sizes: 6–11 	IS 15298 S1P
1601 (Microfibre)	Safety Shoe — Microfibre Upper METRO	<ul style="list-style-type: none"> • Microfibre upper — lighter than leather, water-resistant • Steel toe cap — 200 J • Air-cushion PU sole • Category S1: antistatic + energy heel • Sizes: 5–11 	IS 15298 S1
GOLD-YEAR	PVC Gum Boot — Knee Length MANGLA	<ul style="list-style-type: none"> • PVC construction, knee-length • Chemical and liquid splash resistant • Steel-toe option available • For chemical plants, agriculture, water treatment • Sizes: 5–11 	IS 5557

Respiratory Protection



FFP1 (NPF 4x) for nuisance dust. FFP2/N95 (NPF 12x) for industrial dusts, metal fumes, bio-aerosols. FFP3 (NPF 50x) for fine toxic dust, asbestos, radioactive particles. For gases/vapours, use half-face or full-face with correct cartridge: A (organic vapour), B (inorganic gas), E (acid gas), K (ammonia), P (particles). SCBA only for O₂-deficient (<19.5%) or IDLH atmospheres.

Applicable Standards

Standard	Description
IS 9473:2002 / EN 149	Filtering facepieces — FFP1, FFP2, FFP3
EN 140 / IS 15322	Half-mask respirators
EN 136 / IS 15323	Full-face mask respirators
EN 14387	Gas filter cartridges — A, B, E, K, P classes
NIOSH 42 CFR 84	US certification — N95, N99, P100
IS 16289:2014	3-ply surgical face masks

Products (40 items)

Code	Product / Brand	Key Features	Standard
V 44+	FFP2 Cup — No Valve VENUS	• Cup-style FFP2, no valve • Filtration ≥94% • Welding fumes, metal dust, cement	EN 149 FFP2
V 410 V	FFP1 Cone — Cool-flow Valve VENUS	• Cone FFP1, yellow, cool-flow valve • Reduces heat buildup • Nuisance dust, non-toxic particles	EN 149 FFP1
V 420 SLV	FFP2 Butterfly — With Valve VENUS	• Butterfly fold-flat FFP2 • Silicone exhalation valve • Soft outer layer	EN 149 FFP2
4200 N95	N95 Fold-flat — No Valve VENUS	• Filtration ≥95% • No valve — exhaled air also filtered • Soft nose clip, adjustable headbands	NIOSH N95
CVN 95	N95 Beetle Cup — With Valve VENUS	• Beetle-cup N95 with cool-flow valve • Extended wear comfort	NIOSH N95
CN 95	N95 Flat-fold — No Valve VENUS	• Flat-fold N95, no valve • Welded soft edges	NIOSH N95
CN 95 OV	N95 + Organic Vapour Combination VENUS	• N95 cup with OV layer • Combined particle + organic vapour • Paint spraying, solvents	NIOSH N95
V 20 V	FFP2 Flat-fold — With Valve VENUS	• White flat-fold FFP2 • Butterfly valve • Low breathing resistance	EN 149 FFP2
RPD914P100	FFP3 — With Valve VENUS	• FFP3 — highest protection (NPF 50x) • Pink, with valve • Asbestos, radioactive, toxic fine dust	EN 149 FFP3
V 9400 V	FFP3 Flat-fold — With Valve VENUS	• White FFP3 fold-flat • Low breathing resistance, with valve	EN 149 FFP3
V 90 V	FFP1 Cup — With Valve VENUS	• Yellow cup FFP1 with valve • Standard dust/mist protection	EN 149 FFP1

Code	Product / Brand	Key Features	Standard
DHUL RAKSHAK V404	FFP1 Economy — No Valve VENUS	• Economy FFP1, no valve • Dust suppression, sweeping, light construction	EN 149 FFP1
V 500	Half-face Respirator VENUS	• Reusable, accepts V-7500 cartridges • Bayonet-fit • Cartridge options: A1, B1, E1, P3	EN 140
V 500 + V7500 A1E1	Half-face + A1E1 Cartridge (Kit) VENUS	• A1E1: organic vapour + acid gas • Ready-to-use kit • Chemical process industries	EN 140, EN 14387
V 800	Full-face Respirator VENUS	• Accepts V-7900 cartridges • Wide-angle panoramic visor	EN 136
V 999 MS	Full-face — Speaking Diaphragm VENUS	• Speaking diaphragm for verbal communication • Twin-port cartridges	EN 136
V 668 MT	Full-face — Panoramic Lightweight VENUS	• Panoramic wide-angle visor • Lightweight construction	EN 136
V 777 FFM	Full-face — Compact Twin-port VENUS	• Compact full-face, twin-port • Standard gas/particle cartridges	EN 136
SCBA 215-7ACX	SCBA — 30 min VENUS	• 30-minute composite cylinder • Positive pressure, open circuit • O ₂ -deficient / IDLH atmospheres • CBRN certified	EN 137
ELSA V-15	Escape Breathing Device — 15 min VENUS	• 15-min self-rescue hood • Emergency egress from toxic/fire atmosphere	EN 402
DURAM Smoke Hood	Smoke Escape Hood — 15 min VENUS	• 15-min smoke/CO protection • Hood style, simple deployment • Industrial, hotel, marine egress	EN 403
V-7500 P1S	Cartridge — P1 Particle VENUS	• For V-500 half-face • P1 particle class	EN 143
V-7500 ABEK1	Cartridge — ABEK1 Combined Gas VENUS	• For V-500 half-face • A1+B1+E1+K1: organic vapour, inorganic, acid gas, ammonia	EN 14387
V-7800	Full-face — V-7800 Series VENUS	• Panoramic full-face, twin-port • Accepts V-7800 series cartridges	EN 136
V-7800 P3R	Cartridge — P3 Reusable Pancake VENUS	• For V-7800/7900 masks • P3 class — 99.95% efficiency • Reusable with pre-filter replacement	EN 143
SA-SH10	Spiral Airline Hose — 10 m VENUS	• Coiled spiral hose • Connects airline respirator to compressed air supply	—
SA-FCV100	Flow Control Valve VENUS	• Controls airflow rate in airline breathing systems	—
SA-PCV100	Pressure Control Valve VENUS	• Reduces compressor pressure to safe breathing level	—
RFH 01	SELECT FFP1 S — Headband, No Valve KARAM	• SELECT Series FFP1 S • Headband style • Filtration >90% • CDSCO registered • Colors: Grey, White, Yellow	IS 9473:2002, EN 149 FFP1

Code	Product / Brand	Key Features	Standard
RFH 01+	SELECT FFP1 S — Headband with Valve KARAM	• SELECT Series FFP1 S • Headband + exhalation valve • Filtration >90% • CDSCO registered	IS 9473:2002, EN 149 FFP1
RF 02	SELECT FFP2 SL — Ear Loops, No Valve KARAM	• SELECT Series FFP2 SL • Ear loop style • Filtration >97% • CDSCO registered	IS 9473:2002, EN 149 FFP2
RF 02+	SELECT FFP2 SL — Ear Loops with Valve KARAM	• SELECT Series FFP2 SL • Ear loop + exhalation valve • Filtration >97% • CDSCO registered	IS 9473:2002, EN 149 FFP2
RFH 12	PRIME FFP2 SL NR D — Headband, No Valve KARAM	• PRIME Series FFP2 SL NR D • Headband + adjuster + nose padding • Filtration >97% • Colors: Grey, White, Yellow	IS 9473:2002, EN 149 FFP2
RFH 12+	PRIME FFP2 SL NR D — Headband with Valve KARAM	• PRIME Series FFP2 SL NR D • Headband + adjuster + exhalation valve • Filtration >97%	IS 9473:2002, EN 149 FFP2
RFH 22+ OV	PRIME FFP2 NR D — Painting Respirator KARAM	• PRIME Series FFP2 SL NR D • Headband + valve + OV activated carbon layer • Filtration >98% • Paint spraying, spray coating, solvent mist • Black body	IS 9473:2002, EN 149 FFP2
FT381	FRONTIER 3-Ply Surgical Mask KARAM	• 3-ply surgical mask • Bacterial filtration efficiency >98% • Meltblown filter layer • Skin-friendly, sweat/water-repellent outer layer • Adjustable nose clip, ear loops • CDSCO registered, ISI marked • Colors: Blue, Green, White	IS 16289:2014
KARAM FFP1 (No V)	FFP1 — Without Valve KARAM	• Dark grey fold-flat FFP1 • No valve	EN 149 FFP1
KARAM FFP1 (V)	FFP1 — With Valve KARAM	• Dark grey fold-flat FFP1 • Exhalation valve	EN 149 FFP1
KARAM FFP2 (No V)	FFP2 — Without Valve KARAM	• White fold-flat FFP2 • Dual headband • No valve	EN 149 FFP2
KARAM FFP2 (V)	FFP2 — With Valve KARAM	• White fold-flat FFP2 • Dual headband • Exhalation valve	EN 149 FFP2

Fall Protection



A compliant system requires: (1) Anchor point rated ≥ 12 kN, (2) Connecting device — energy-absorbing lanyard (EN 355) or SRL (EN 360), (3) Full-body harness (EN 361). The system must limit free-fall to ≤ 2 m and arrest force to ≤ 6 kN per EN 363. Per EN 365 and IS 3521:2021, PPE must be inspected every 12 months by a competent person authorised by the manufacturer. Replace all equipment that has arrested a fall.

Applicable Standards

Standard	Description
EN 361:2002	Full-body harnesses
EN 354/355	Lanyards and energy absorbers
EN 360:2002	Self-retracting lifelines
EN 795:2012	Anchorage devices
IS 3521:2021	Indian Standard — Industrial Safety Belts and Harnesses

Products (12 items)

Code	Product / Brand	Key Features	Standard
MAGNA 1	Full-body Harness — Basic KARAM	• Single back D-ring • Universal fit • 23 kN webbing • General work-at-height	EN 361, IS 3521
PN 16	Full-body Harness — Positioning KARAM	• Back + front/side D-rings • Padded waist belt • Rope access and positioning	EN 361, EN 358
PN 18(H)	Full-body Harness — Hi-Vis KARAM	• Reflective webbing • Back D-ring • Road construction, night work	EN 361
PN 23	Full-body Harness — Comfort KARAM	• Padded shoulder and leg straps • Multiple D-rings • Frequent prolonged harness use	EN 361
PN 56 (TECHNO)	Full-body Harness — Premium KARAM	• Aluminium hardware • 5-point independent adjustment • Tower climbing, rope access, confined space	EN 361
PN 351(A)	Energy-absorbing Lanyard — Twin-leg KARAM	• Twin-leg — 100% tie-off while moving • 2 m total length • Arrest force ≤ 6 kN • Snap hooks 25 kN gate	EN 354, EN 355
PCGS (3.5–30 m)	Self-retracting Lifeline (SRL) KARAM	• Stainless steel cable 3.5–30 m • Auto-retraction keeps cable taut • Arrests within 300 mm of fall • Composite or galvanised housing	EN 360
PN 800	Tripod — Confined Space Entry KARAM	• Aluminium, 1.8–3.5 m height • SWL 250 kg dynamic / 500 kg static • Confined space entry and rescue	EN 795
PN 900	K-Pod Davit Arm KARAM	• Portable davit arm anchorage • Wall/floor mount bracket options • Confined space and edge scenarios	EN 795
PN 804	Rescue Winch KARAM	• Manual, 30 m stainless cable • 250 kg capacity • Used with PN 800 Tripod for vertical rescue	EN 1496

Code	Product / Brand	Key Features	Standard
PN 3000	Portable Davit Crane KARAM	• 500 kg SWL • Compatible with electric/manual hoists • Confined space and rescue	EN 795
GRIP DESC.	Descender / Fall Arrester KARAM	• Manual rope descender • Rope access and controlled descent • 10–13 mm kernmantle rope	EN 341

Full Body Protection



Chemical suits are classified by Type 1–6 based on protection level. Type 3 (liquid-tight) > Type 4 (spray-tight) > Type 5 (airborne solid particles) > Type 6 (limited liquid splash). Disposable coveralls (SMS/Tyvek) are single-use. Reusable suits require a defined decontamination procedure.

Applicable Standards

Standard	Description
EN 14605 Type 3	Liquid-tight — withstands pressure jet
EN 13034 Type 4	Spray-tight — spray and splash protection
EN 13982 Type 5	Airborne solid particle protection
EN 13034 Type 6	Limited liquid chemical splash
IS 15742	Indian Standard — Chemical Protective Clothing

Products (4 items)

Code	Product / Brand	Key Features	Standard
TYCHEM 2000	Chemical Suit — Type 3 Liquid-tight DU PONT	<ul style="list-style-type: none"> Yellow Tychem 2000 fabric Type 3 — liquid-tight, withstands pressure jet Taped seams, integrated hood, boot covers Concentrated acids, caustics, solvents 	EN 14605 Type 3
MICROGUA RD 4000	Chemical Suit — Type 4 Spray-tight MICROGUARD	<ul style="list-style-type: none"> Green microporous fabric Type 4 — spray-tight Anti-static, taped seams, integral hood Spray painting, pesticide application 	EN 13034 Type 4
ALPHATEC H MG 2300	Disposable Coverall — Type 5/6 MICROGUARD	<ul style="list-style-type: none"> Yellow SMS fabric Type 5/6: airborne particle + limited splash Hood, elasticated wrists/ankles, front zip Single use, latex-free 	EN 13982 Type 5
PVC SUIT WITH HOOD	PVC Chemical Suit — Reusable Various	<ul style="list-style-type: none"> PVC with attached hood Reusable — requires decontamination Chemical splash, acid handling, wet work 	EN 13034

Miscellaneous & Fire Safety



Gas detectors must be bump-tested daily and calibrated monthly per manufacturer guidance. Multi-gas detectors (LEL/O₂/CO/H₂S) are mandatory for confined space entry per IS 15359. Fire extinguisher type must match fire class: ABC powder for A/B/C fires, CO₂ for electrical. All fire extinguishers require annual service per IS 2190.

Applicable Standards

Standard	Description
IS 2171	ABC Dry Powder Fire Extinguishers
IS 2878	CO ₂ Fire Extinguishers
IS 636	Non-percolating Flexible Fire Hose
IS 884	First-aid Hose Reels
EN 395	Lifejackets for offshore use
IEC 60079	Gas detection instruments

Products (14 items)

Code	Product / Brand	Key Features	Standard
USPB1	Lifebuoy — Ring Type ULTRASAFE	• Orange ring lifebuoy, 60 cm, 2.5 kg • Reflective tape, lifeline attachment • Coastal, marine, riverine	EN 395
USPJA	Lifejacket — 150 N Foam ULTRASAFE	• 150 N buoyancy foam • Reflective tape, whistle, grab handle • Marine/offshore	EN 395
PAC 6000	Single Gas Detector DRAGER	• Specify gas: CO, H ₂ S, O ₂ , or LEL • Audible, visual, vibration alarms • IP 67, 2-year operational life	IEC 60079
PAC 6500	Single Gas Detector — Premium DRAGER	• Same gas options as PAC 6000 • Configurable alarm thresholds • Bump/calibration record logging	IEC 60079
MULTI GAS	4-Gas Detector DRAGER	• Simultaneous: LEL, O ₂ , CO, H ₂ S • Diffusion or motorised pump versions • Mandatory for confined space entry per IS 15359	IEC 60079
PN 403	Folding Stretcher KARAM	• Aluminium frame, folds flat • 200 kg SWL • Site medical emergency response	EN 1865
ABC EXT.	ABC Dry Powder Extinguisher Various	• Class A/B/C fires • Sizes: 2/4/6/9 kg • ISI marked, stored-pressure • Annual service per IS 2190	IS 2171
CO ₂ EXT.	CO₂ Fire Extinguisher Various	• Class B and electrical fires • No residue — safe for equipment rooms • Sizes: 2/4.5 kg • ISI marked	IS 2878
HOSE REEL DRUM	First-aid Hose Reel Various	• 20 m rubber hose, wall-mounted swivel drum • Auto-rewind • First-attack firefighting	IS 884
HOSE BOX MS	Hose Box — MS Single Door Various	• Mild steel single-door, glass panel • Red powder-coat • Houses hose, branch pipe, key	IS 5290
OUTLET VALVE SS	Landing Valve — SS Various	• 2.5" stainless steel landing valve • Instantaneous coupling • Hydrant riser outlets	IS 904

Code	Product / Brand	Key Features	Standard
FOUR-WAY INLET	Breeching Inlet — 4-Way Various	• 4-way inlet for fire brigade connection • Instantaneous male, non-return valves	IS 904
THERMO HOSE	Thermoplastic Layflat Fire Hose Various	• 2.5" thermoplastic • 15 m and 30 m rolls, red • Lightweight, kink-resistant	IS 636
BRANCH PIPE	Branch Pipe Nozzle Various	• 2.5" instantaneous coupling • Materials: Aluminium / SS / Gum Metal • Fog/straight stream options	IS 903

Lockout-Tagout (LOTO)

Lockout-Tagout (LOTO) is a safety procedure that ensures hazardous energy sources — electrical, pneumatic, hydraulic, thermal, chemical — are isolated and cannot be re-energised while maintenance or servicing work is carried out. OSHA 29 CFR 1910.147 and IS 5216 mandate LOTO programmes in facilities with hazardous energy sources. A complete LOTO programme requires: energy isolation devices, locks, hasps, tags, lockout stations, and written procedures. Never use a tag alone in place of a lock when energy isolation is possible.

Applicable Standards

Standard	Description
OSHA 29 CFR 1910.147	The Control of Hazardous Energy — US federal standard
IS 5216	Indian Standard — Safety requirements for electrical installations
IEC 60309	Plugs, socket-outlets and couplers for industrial purposes

Products (14 items)

Code	Product / Brand	Key Features	Standard
LOTO-LS-001	Safety Padlock — Keyed Different Various	<ul style="list-style-type: none"> • Steel or aluminium body • Keyed-different (each lock has unique key) • Bright colours for personal identification (Red, Blue, Yellow, Green) • Non-conductive nylon shackle option for electrical isolation • Shackle diameter: 6mm/8mm 	OSHA 1910.147
LOTO-LS-002	Safety Padlock — Keyed Alike Various	<ul style="list-style-type: none"> • Same key opens all locks in the set • For group lockout under single supervisor • Aluminium body, nylon shackle 	OSHA 1910.147
LOTO-HS-001	Lockout Hasp — 6-hole Steel Various	<ul style="list-style-type: none"> • Allows multiple workers to lock out same energy source simultaneously • 6-hole hasp — accommodates up to 6 individual padlocks • Steel, zinc-plated 	OSHA 1910.147
LOTO-HS-002	Lockout Hasp — Aluminium Various	<ul style="list-style-type: none"> • Lightweight aluminium hasp • 4-hole and 6-hole variants • Non-sparking 	OSHA 1910.147
LOTO-CB-001	Circuit Breaker Lockout — Standard Various	<ul style="list-style-type: none"> • Fits standard single-pole MCBs • Prevents breaker from being switched on • Snap-fit, no tools required • Electrical panel isolation 	OSHA 1910.147
LOTO-CB-002	Circuit Breaker Lockout — Universal Various	<ul style="list-style-type: none"> • Adjustable to fit wide range of MCB sizes • Covers toggle-type and rocker-type breakers 	OSHA 1910.147
LOTO-VL-001	Gate Valve Lockout Various	<ul style="list-style-type: none"> • For ball valves and gate valves • Adjustable clamp fits various pipe diameters • Prevents valve from being opened during maintenance • Red — for easy visual identification 	OSHA 1910.147
LOTO-VL-002	Ball Valve Lockout — Small/Medium/Large Various	<ul style="list-style-type: none"> • Three sizes to fit 1/4" to 2" ball valves • Blocks handle movement in open or closed position • Chemical resistant nylon 	OSHA 1910.147
LOTO-PL-001	Plug Lockout — Electrical Various	<ul style="list-style-type: none"> • Covers 2-pin and 3-pin plugs up to 63A • Prevents plug from being inserted into socket • For machine isolation where disconnect switch is not available 	OSHA 1910.147
LOTO-TAG-001	Danger Lockout Tag Various	<ul style="list-style-type: none"> • DO NOT OPERATE / DANGER — pre-printed • Tear-resistant polypropylene card • Write-on field for name, date, reason • Nylon cable tie or string attachment • Pack of 25 or 100 	OSHA 1910.147

Code	Product / Brand	Key Features	Standard
LOTO-TAG-002	Caution / Out of Service Tag Various	<ul style="list-style-type: none"> • CAUTION / OUT OF SERVICE — pre-printed • For non-electrical energy source tagging • Write-on fields, waterproof coating 	OSHA 1910.147
LOTO-KIT-001	Electrical LOTO Kit — 5-person Various	<ul style="list-style-type: none"> • Kit contents: 5 padlocks (keyed-different), 1 hasp, 10 tags, 2 CB lockouts, carry pouch • For small maintenance teams • Pre-packaged for audit readiness 	OSHA 1910.147
LOTO-KIT-002	Comprehensive LOTO Kit — 10-person Various	<ul style="list-style-type: none"> • 10 padlocks (keyed-different) + 2 hasps + 20 tags • CB lockouts, valve lockouts, plug lockout • Hard carry case, laminated procedure card • For medium-to-large maintenance teams 	OSHA 1910.147
LOTO-STN-001	Lockout Station — Wall-mount Various	<ul style="list-style-type: none"> • Wall-mounted shadow board for LOTO equipment • Holds padlocks, hasps, tags, and lockout devices • Red powder-coat steel, clearly labelled • Keeps equipment organised and visible at all times • Size: 300 x 450 mm (standard) / 600 x 900 mm (large) 	OSHA 1910.147

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To order or request a quotation: contact us by phone or email with the product code and quantity. We confirm availability and pricing within the same working day for standard items. For site-kitting, bulk orders, or export enquiries, please call or email our office directly.