AlphaTec[®]

LIGHT TYPE FREEFLOW

Formerly known as TRELLCHEM® LIGHT FREEFLOW

Air-fed gas-tight protection intended for lighter industrial work

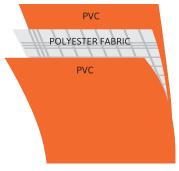
- Designed for use with an external air source, which allows longer working hours and provides improved wearer comfort
- Strong yet soft and durable material
- Ideal against alkalis, low concentration acids and cooling media, e.g. ammonia
- Intended for low hazard environments



Applications

- Chemical Handling
- Industrial and Tank Cleaning
- Petrochemicals

Material Construction





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PRODUCT INFORMATION

Design Encapsulating design without hump, providing a slimmer fit than other encapsulating suit designs. For use with external air supply vial airline (no SCRA is to be used). Garment material Strong and flexible polyster frabric coated on each side with PVC. Seams Stitched butt seams covered on the outside with a welded on PVC tape. Visor -''Ppe CV -''hade from angid 2 mm impact and chemical resistant PVC Glowes & Attachments AlphaTecr#08.354 Neoprene (chloroprene) rubber gloves in combination with rubber cuffs for added safety. Other glove are stached with a layonet glove ing system, which offers quice and simple glove covering. Footwar & Attachments Sew-in sock:Noolise made of the suit material. Alternative yattached PCV Safety boots approved according to EN 20345. Fight Heavy duty gas right zipper coated with a bignonet glove ing system, which offers quice and simple glove covering. Fight Heavy duty gas right zipper coated with chloroprene rubber. The zipper is closing downwards, for added safety. Air Distribution Data is instructed by a lapopiality gard. Fight Pressure duty gas right zipper coated with chloroprene rubber. The zipper is closing downwards, for added safety. Air Distribution Data is instructed by a lapopiality gard. Fight Pressure duty gas right zipper coated with chloroprene rubber. The zipper is closing downwards, for added safety. Air Distribu		AlphaTec [®] LIGHT TYPE FREEFLOW
Seams Stitched but seams covered on the outside with a welded-on PVC tape. Visor 1 Type CV Name AlphaTect* MQS-34 Neopene (chicroprene) Inber gloves in combination with rubber cuffs for added safety. Other glove options are available. The gloves are attached with a Bayonet glove ring system, which offers quick and simple glove exchange. Footwear & Attachments Serwin-is sock/booties made of the suit material. Alternatively attached PVC safety boots approved according to EN 20345. Zipper Heavy duty gas-tight zipper coated with chloroprene rubber. The zipper is closing downwards, for added safety, and is protected by a laps/pissit guard. Freeflow Valve Assweing an itine passtrough made from Acetal (POM) plastic and stainless steel. Placed on the side of the suit. Equipped with a waring whistle which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced comfort. Air Distribution The air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood. Air Supply Source The air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the Bayonet glove ring system. Sizes XXS -XXXL Locuur O Sm reinforced nubber for suttonary. shall have a working pressure of minimum 3 bars and a maximum of 6 bars. The deliveed air shalt Lift! the	Design	
Store • Type CV Visor • "Made from a rigid 2 mm impact and chemical resistant PVC Gloves & Attachments AlphaTee*#08.354 Neoprene (chloroprene) rubber gloves in combination with rubber cuffs for added safety. Other glove options are available. The gloves are attached with a disponet glove ing system, which offers quick and simple glove exchange. Footwear & Attachments Sew-in socks/booties made of the suit material. Atternatively attached PVC safety boots approved according to EN 20345. The boots are fixed with an ergonomically designed ring attachment. for simplified boot exchange. Footwear & Attachments Freeflow Valve Assweienig aritine pasthrough made from Acctal (POM) plastic and stainless steel. Placed on the side of the suit. Equipped with a warning whistle which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced confort. Air Distribution The air i distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood. Air Supply Source The air i distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood. Air Supply Source The air idotributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four verpressure valves in the back of the hood. Colour Os m	Garment material	Strong and flexible polyester fabric coated on each side with PVC.
iMade from a rigid 2 mm impact and chemical resistant PVC Gloves & Attachments Sem-in socks/hoopies made of the suit material. Alternatively attached PVC safety boots approved according to EN 20345. Footwear & Attachments Sem-in socks/hoopies made of the suit material. Alternatively attached PVC safety boots approved according to EN 20345. Fine boots are fixed with an ergonomically designed fing attachment, for simplified boot exchange. EN 20345. Fine flow Valve Asswiteting ariting passithy trigger coated with chloroprene rubber. The zipper is closing downwards, for added safety, and is protected by a flap/splash guard. Freeflow Valve Asswiteting ariting passithy cough made from Acctal (POM) plastic and stainless steel. Placed on the side of the suit. Equipped with a varing whiste which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced courder. Air Distribution Ds m reinforced rubber breathing hose with a standard EURO connection type CEIN 342 male (nipple). Air supply Source Ds m reinforced rubber Varsinin according to EN 2021. Valimum design air flow: 220 litres/min Minimum design air flow: 220 litres/min Colour Orange VAS - XXXL Included with each delivery -1 pair of cotton comfort inner gloves - 2 por sextra locking prisonet glove ring system -1 pee for boding small measuring instruments for sole slow the sewn-in socks) -1 pee forderestinde, PT et al.	Seams	Stitched butt seams covered on the outside with a welded-on PVC tape.
available. The gloves are attached with a Bayonet glove ring system, which offers quick and simple glove exchange. Footwear & Attachments Sewn-in socks/bodies made of the suit material. Alternatively attached PVC safety bods approved according to EN 20345. The bods are fixed with an ergonomically designed ring attachment, for simplified bod exchange. Zipper Heavy duty gas-tight zipper coated with chloroprene rubber. The zipper is closing downwards, for added safety. Ari Distribution A swincing white which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced comfort. Air Distribution The air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood. Airle Hose & Connection 0.5 m reinforced rubber breathing hose with a standard EURO connection type CEIN 342 male (nipple). Air Supply Source Defaure air shall. fulfil the requirements for breathing ar according to EN 12021. - Minimum design air flow: 220 litres/min - Maximum design air flow: 220	Visor	
The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange. Zipper Heavy duty gas-tight zipper coated with chloroprene rubber. The zipper is closing downwards, for added safety, and is protected by a ltdspplash guard. Freeflow Valve Aswiveling airline passthrough made from Acetal (POM) plastic and stainless steel. Placed on the side of the suit. Equipped with a warning whistle which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced confort. Air Distribution The air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood. Airline Hose & Connection 0.5 m reinforced rubber breathing hose with a standard EURO connection type CEIN 342 male (nipple). Air Supply Source De air supply system, mobile or stationary, shall have a working pressure of minimum 3 bars and a maximum of 6 bars. The delivered air shall fulfi the requirements for breathing air according to EN 12021. Maximum design air flow: 475 litres/min Colour Orange Zipper of cotto comfort inner gloves * 1 pair of cotto comfort inner gloves * 1 pair of cotto comfort liner glove ring system * 1 pcc grease stick for Ulbrication of the 2:piper * 1 pcc cotth hanger Optional accessories Anti-fog lens * Hands-free visor light system * Internal waist belt & leg shortener for size adjustment * Internal waist belt & leg shortener for size adjustment * Internal waist belt & leg shortener for size adjustment * Internal waist belt & leg shortener for size adjustment * Interna	Gloves & Attachments	
and is protected by a flap/splash guard. A set of the suit Equipped with a weight made from Actal (POM) plastic and stainless steel. Placed on the side of the suit Equipped with a weight which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced comfort. Air Distribution The air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood. Airtine Hose & Connection 0.5 m reinforced rubber breathing hose with a standard EURO connection type CEJN 342 male (nipple). Air Supply Source The air supply system, mobile or stationary, shall have a working pressure of minimum 3 bars and a maximum of 6 bars. The delivered air shall fulfil the requirements for breathing air according to EN 12021. • Minimum design air flow: 220 litres/min Maximum design air flow: 220 litres/min Colour Orange Sizes XXS - XXXL Included with each delivery • 1 pair of cotton comfort inner gloves • 2 pcs extra lacking pins for the Bayonet glove ring system • 1 pcc grease slick for lubrication of the zipper • 1 pair of conton stills to sub with sewn-in socks) • 1 per coat hanger Optional accessories • Amti-fog lens • Hands-free visor light system • Hands-free visor light syste	Footwear & Attachments	
a warning whistle which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced comfort.Air DistributionThe air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four overpressure valves in the back of the hood.Air Supply SourceThe air supply system, mobile or stationary, shall have a working pressure of minimum 3 bars and a maximum of 6 bars. The delivered air shall fulfil the requirements for breathing air according to EN 12021. •Minimum design air flow: 201 tires/min •Maximum design air flow: 275 tires/minColourOrangeSizesXXS - XXXLIncluded with each delivery •1 pair of cotton comfort inner gloves •1 pcc Molycote lubrication for the O-rings in the Bayonet glove ring system •1 pcc Molycote lubrication for the O-rings in the Bayonet glove ring system ·1 pcc eration for silicone oversocks (only for suits with sewn-in socks) ×1 pair of conton stilicone oversocks (only for suits with sewn-in socks) ×1 pair of conting till be the glysotteme for size adjustment •Inside pockets & boops for radio, PTT etc. •Customised marking, e.g. digits, letters, logos •AlphaTec* 49.500 (wight system •Inside pockets & boops for radio, PTT etc. •Customised marking, e.g. digits, letters, logos •AlphaTec* 49.500 (wight system •Inside pockets & boops for radio, PTT etc. •Customised marking, e.g. digits, letters, logos •AlphaTec* 49.500 (wight for improved cut & puncture resistance •Customised marking, e.g. digits, letters, logos •AlphaTec* 49.500 (wight for improved cut & puncture resistance •Customised marking, e.g. digits, letters, logos •AlphaTec* 49.500 (wight for the out por require trick protection) •EN 1073-12006 & Al-22018 (radioactive particle protection) <th>Zipper</th> <th></th>	Zipper	
Airline Hose & Connection0.5 m reinforced rubber breathing hose with a standard EURO connection type CEJN 342 male (nipple).Air Supply SourceThe air supply system, mobile or stationary, shall have a working pressure of minimum 3 bars and a maximum of 6 bars. The delivered air shall fulfit the requirements for breathing air according to EN 12021. • Maximum design air flow: 202 litres/minColourOrangeSizesXXS - XXXLIncluded with each delivery• 1 pair of cotton comfort inner gloves • 2 pcs extra locking pins for the Dayonet glove ring system • 1 pce molycote ubbrication for the O-rings in the system • 1 pce coal hangerOptional accessories• Anti-fog lens • Tear-off lens • Internal waist belt & leg shortener for size adjustment • Inside pockets & loops for radio, PTT etc. • O-tring for holding small measuing instruments & tools • Customised marking, e.g. gigits, letters, logos • AphaTee" #58-800 Overglove for improved ut a puncture resistance • Other accessories are available upon requestStandards & Approvals• N943-12015 + A12019 • EN 1073-12016 & A12018 (rindicative particle protection) • EN 1073-12016 & A12018 (rindicative particle protection)	Freeflow Valve	a warning whistle which sounds if the pressure drops below 3 bars. Fitted with an adjustable belt and foam padding for enhanced
Air Supply Source The air supply system, mobile or stationary, shall have a working pressure of minimum 3 bars and a maximum of 6 bars. The delivered air shall fulfil the requirements for breathing air according to EN 12021. Minimum design air flow: 220 litres/min Air Supply Source Orange Sizes XXS - XXXL Included with each delivery 1 pair of cotton comfort inner gloves 2 pcs extra locking pins for the Bayonet glove ring system 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system 1 pce rease stick for lubrication of the zipper 1 pair of contfort sillcone oversocks (only for suits with sewn-in socks) 1 pce coat hanger Optional accessories Anti-fog lens Hands-free visor light system Hands free visor light system visor visor datio, PTT etc. D-ring for holding small measuring instrume	Air Distribution	
The delivered air shall fulfi the requirements for breathing air according to EN 12021. Minimum design air flow: 220 litres/minMinimum design air flow: 220 litres/minColourOrangeSizesXXS - XXXLIncluded with each delivery1 pair of cotton comfort inner gloves - 2 pcs extra locking pins for the Bayonet glove ring system - 1 pce Molycote lubrication of the 0-rings in the Bayonet glove ring system - 1 pce for confort silicone oversocks (only for suits with sewn-in socks) - 1 pce coat hangerOptional accessoriesAnti-fog lens - Hands-free visor light system - Inside pockets & Loops for radio, PTT etc. - D-ring for holding small measuring instruments & tools - Customised marking, e.g. digits, letters, logo - Other accessories are available upon requestStandards & ApprovalsEN 943-12015 + A12019 - EN 14126-2003 (infective agent protection) - EN 14126-2003 (infective agent protection)	Airline Hose & Connection	0.5 m reinforced rubber breathing hose with a standard EURO connection type CEJN 342 male (nipple).
Sizes XXS - XXXL Included with each delivery 1 pair of cotton comfort inner gloves 2 pcs extra locking pins for the Bayonet glove ring system 1 pce dolycote lubrication for the O-rings in the Bayonet glove ring system 0 pctional accessories Anti-fog lens Tear-off lens • Internal waist belt & leg shortener for size adjustment Inside pockets & loops for radio, PTT etc. • D-ring for holding small measuring instruments & tools • Customised marking. e.g. digits, letters, logos • AlphaTec [#] #58-800 Overglove for improved cut & puncture resistance • Other accessories rea available upon request Standards & Approvals EN 943-1:2015 + A1:2019 • EN 1073-1:2016 & A1:2018 (radioactive particle protection) • EN 14126:2003 (infective agent protection)	Air Supply Source	The delivered air shall fulfil the requirements for breathing air according to EN 12021. • Minimum design air flow: 220 litres/min
Included with each delivery1 pair of cotton comfort inner gloves • 2 pcs extra locking pins for the Bayonet glove ring system • 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system • 1 pce grease stick for lubrication of the zipper • 1 pair of comfort silicone oversocks (only for suits with sewn-in socks) • 1 pce coat hangerOptional accessories• Anti-fog lens • Tear-off lens • Hands-free visor light system • Internal waist belt & leg shortener for size adjustment • Inside pockets & loops for radio, PTT etc. • D-ring for holding small measuring instruments & tools • Customised marking, e.g. digits, letters, logos • AlphaTec* #58-800 Overglove for improved cut & puncture resistance • Other accessories are available upon requestStandards & ApprovalsEN 943-1:2018 (radioactive particle protection) • EN 14126:2003 (infective agent protection)	Colour	Orange
 2 pcs extra locking pins for the Bayonet glove ring system 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system 1 pce grease stick for lubrication of the zipper 1 pair of comfort silicone oversocks (only for suits with sewn-in socks) 1 pce coat hanger Optional accessories Anti-fog lens Hands-free visor light system Internal waist belt & leg shortener for size adjustment Inside pockets & loops for radio, PTT etc. D-ring for holding small measuring instruments & tools Customised marking, e.g. digits, letters, logos AlphaTec[*] #S8-800 Overglove for improved cut & puncture resistance Other accessories are available upon request Standards & Approvals 	Sizes	XXS - XXXL
 Tear-off lens Hands-free visor light system Internal waist belt & leg shortener for size adjustment Inside pockets & loops for radio, PTT etc. D-ring for holding small measuring instruments & tools Customised marking, e.g. digits, letters, logos AlphaTec® #58-800 Overglove for improved cut & puncture resistance Other accessories are available upon request EN 943-1:2015 + A1:2019 EN 1073-1:2016 & A1:2018 (radioactive particle protection) EN 14126:2003 (infective agent protection) 	Included with each delivery	 2 pcs extra locking pins for the Bayonet glove ring system 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system 1 pce grease stick for lubrication of the zipper 1 pair of comfort silicone oversocks (only for suits with sewn-in socks)
 EN 1073-1:2016 & A1:2018 (radioactive particle protection) EN 14126:2003 (infective agent protection) 	Optional accessories	 Tear-off lens Hands-free visor light system Internal waist belt & leg shortener for size adjustment Inside pockets & loops for radio, PTT etc. D-ring for holding small measuring instruments & tools Customised marking, e.g. digits, letters, logos AlphaTec[®] #58-800 Overglove for improved cut & puncture resistance
	Standards & Approvals	 EN 1073-1:2016 & A1:2018 (radioactive particle protection) EN 14126:2003 (infective agent protection)

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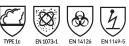
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Performance Standards



EN 1149-5: This applies only to the suit material.



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