



KIT CARE APPROACH SUITS

300 Series Approach Suit and 305 Series Approach Coveralls

These heat reflective 300 and 305 Series Approach Suits are designed for personnel engaged in maintenance, repair and operational tasks in areas of low ambient, high radiant heat, much the same as nor 500/505 Series. however, the .300 and 305 Series Approach Stilts have no moisture / steam barrier, making these garments suitable for situations where exposure to hot liquids, steam, or hot vapor is not a possibility.

Like the 500/505 Series, these protective approach suits are available with three outer surface choices: Aluminized Glass, Aluminized Nomex, or Aluminized Rayon. The 300 and 305 Series Suits are available in coverall or coat mid pant styles, with or without SCBA accommodations. The 300 Series suit comes complete with a hood with gold reflective faceshield, coat, pants, gloves and boots. The 305 Series suit comes complete with a hood

with gold reflective faceshield, coverall, gloves and boots. Storage bags are available.

Warning: These suits not to be used for fire entry

Heat Tolerances

1. Ambient temperature up to 200°F (111°C) approach to within a few yards of flames.
2. Exposure to radiant heat up to 2000°F (1111°C).



At Left 300 Series Approach Suit featuring a Coat and Pants. Right the 305 Series Approach Suit, Coverall style

Ordering Information

Model Numbers

300A6/BA	Approach Suit Complete, with SCBA accommodation
300AG	Approach Suit Complete
305AG/BA	Approach Coverall Complete, with SCBA accommodation
30SAG	Approach Coverall Complete

Note: Replace AG with AR for aluminized rayon or with AN for aluminized Nomex®.

Suit Components

310-2A6LG	Approach Hood
310-1AGLG	Approach Hood
322 AG/BA	Approach Coverall
322 AG	Approach Coverall
322-AG/BA	Approach Coat
320-32 AG	Approach Coat
330 AG	Approach Pants
355 AG	Approach Boots
344-02A	Gauntlet Style Glove

Vortec® Personal Air Conditioners (PAC's)

Personal Air Conditioners (PAC's) were created to keep workers who wear protective clothing comfortable in extremely hot working environments. The cooling system is composed of two components; the Vortex tube and the Diffuse Air Vest. The Vortex tube uses compressed air at 70-100 PSIG to produce cold air to cool a worker in protective helmets, hoods and suits. Temperature ranges of up to minus 60F (16C) cooler than the inlet

temperature can be achieved without electricity explosion hazard, or RE interference. The Vortex Tube has 3/4" garden-hose thread breathing tube connections, and includes a waist belt quick disconnect and an air noise muffler. The Tube is connected to the second component of the cooling system, a diffuse air vest. The Vortex Diffuse Air Vest makes the most efficient use of the cooling power of a PAC distributing the tempered air over the upper body, where it's needed the most. The vest allows a

full range of motion without restricting air flow, while Velcro® closures permit quick and easy on-off procedure. The vest fits workers tip to 6'3" (190.5cm) tall, and up to 210 lbs (95.3 kilos) in weight.

Caution: Vortec's personal Air Conditioners and Diffuse-Air Vests are intended to provide worker comfort in hot working environments. They are not intended to provide protection from hazardous atmospheric or gaseous conditions. A separate source of air must be provided in such situations.



Insulated Lift Front Approach Hood, Style 311 AGP

This 300 series heat reflective hood is insulated for extra protection in work environments of low ambient heat. Hood features clear 8" X 13" polycarbonate lift front faceshield and neoprene-coated aramid liner.



Approach Hood, Style 310-1ANL

Hood features hardcap, 6" X 10" clear or gold faceshield, and winglock. Also available with SCBA accommodation.

600 Series Proximity Suit and 605 Series

Proximity Coveralls

Fyrepel's 600 and 605 Series Proximity Suits are designed for use in areas of extreme radiant heat where occasional contact with hot surfaces might be made. New patterns and insulative techniques utilizing bonded composites highlight protection that is both comfortable and lightweight. The 600 and 605 proximity suit protective barrier is composed of an outer surface material of aluminized glass and a neoprene coated aramid lining. These proximity suits provide extreme radiant and ambient heat protection at a reasonable price. The 600 and 605 Series Suits are available in coverall or coat and pant styles, with or without SCBA accommodations. The 605 Series Suit comes complete with a hood with gold reflective faceshield, coverall, gloves and boots. Storage bags are available. The 600 and 605 Series Proximity Suits are available in sizes Small, Medium, Large, and Extra Large.



Warning: These suits not to be used for fire entry

Heat Tolerances

1. Short duration entry into oven or other areas of high heat up to 300F (149C) ambient temperature.
2. Exposure to radiant heat up to 2000F (1111C).

Ordering Information

Model Numbers

600/BA	Proximity Suit Complete, SCBA accommodation
600	Proximity Suit Complete
605/BA	Proximity Coverall Complete, SCBA accommodation
605	Proximity Coverall Complete

Suit Components

610-2LG	Proximity Hood
610-1 LG	Proximity Hood
622/BA	Proximity Coverall
622	Proximity Coverall
620/BA	Proximity Coat
620	Proximity Coat
630	Proximity Pants
655	Proximity Boots
344-02A	Gauntlet Style Glove

500 Series Approach Suit and 505 Series Approach Coveralls

Fyrepel's 500 and 505 Series Approach Suits are designed for personnel engaged in maintenance, repair and operational tasks in areas of low ambient, high radiant heat. These superior protective approach suits are available with three outer surface material choices: Aluminized Glass, Aluminized Nomex, or Aluminized Rayon. An additional moisture/steam barrier lining protects in areas where exposure to hot liquids, steam, or hot vapor is a possibility. The 500 and 505 Series Suits are available in coverall or coat and pant styles, with or without SCBA accommodations. The 500 Series Suit comes complete with a hood with gold reflective faceshield, coat, pants, gloves and boots. The 505 Series Suit comes complete with a hood with gold reflective faceshield, coverall, gloves and boots. Storage bags available.

Heat Tolerances

1. Short duration entry into oven or other areas of high heat up to 200~F (11 IC) ambient temperature.
2. Exposure to radiant heat up to 2000F (1111C).

Ordering Information

Suit Components

510-2AGLG	Approach Hood
510-1AGLG	Approach Hood
522 AG/BA	Approach Coverall
522 AG	Approach AG/BAC overall
520-32	Approach Coat
520-32 AG	Approach Coat
530 AG	Approach Pants
555 AG	Approach Boots
344-02A	Gauntlet Style Glove



Left, the 505 Series Approach Suit, coverall style. Right the 500 Series Approach Suit with coat pants.

Model Numbers

500AG/BA	Approach Suit Complete, with SCBA accommodation
500AG	Approach Suit Complete
505AG/BA	Approach Coverall Complete, with SCBA accommodation
505AG	Approach Coverall Complete

Note: Replace AG with AR for aluminized rayon or with AN for aluminized Nomex®.

Warning: These suits not to be used for fire entry

KIT CARE APPROACH SUITS



Left the 700 Series Proximity Suit, featuring a coat and pants. Right. the 705 Series Proximity Suit, coverall style.

700 Series Proximity Suit and 705 Series Proximity Coveralls

Fyrepel's 700 and 705 Series Proximity Suits are designed for performance of maintenance and repairs in high heat areas. Workers wearing these proximity garments are insulated from harm by Fyrepel's unique, proven multi layer construction, with the outer layer composed of high temperature aluminized glass. An additional moisture/steam barrier lining provides protection in areas where exposure to hot liquids, steam, or hot vapor is a possibility. Redesigned for better fit, the 700 and 705 Series Suits are available in coverall or coat and pant styles. The coverall or the coat and pant styles are available with an SCBA accommodation, if required. The 700 Series Suit comes complete with a hood with gold reflective faceshield, coat, pants, mitts, and boots. The 705 Series has a hood with a gold reflective faceshield, coverall, boots and mitts. Both series are offered in sizes Small, Medium, Large, and Extra Large. Individual replacement components are available. Storage bags are also available. The 700 and 705 Series Proximity Suits are not to be used for fire entry.

Heat Tolerances

1. Short duration entry into oven or other areas of high heat up to 500°F (277C) ambient temperature.
2. Exposure to radiant heat up to 2000°F (1111C)

Suit Components

710-2LG	Proximity Hood
710-ILG	Proximity Hood
722 /BA	Proximity Coverall
722	Proximity Coverall
720/BA	Proximity Coat
720	Proximity Coat
730	Proximity Pants
755	Proximity hoots
740	Proximity Mitts

Model Numbers

700 /BA	Proximity Suit Complete, SCBA accommodation
700	Proximity Suit Complete
705 /BA	Proximity Coverall Complete, SCBA accommodation
705	Proximity Coverall Complete

The 701 Series Proximity Suit was specifically designed for work environments in a confined space. Its insulative properties make this heat resistant suit truly unique. Fyrepel designed a sophisticated dual layer aramid pile insulation with a steam and moisture barrier. This new insulation produces a suit that has a slimmer silhouette while retaining temperature protection. Workers can get through access holes as small as 18" in diameter, yet still have room for personal cooling systems. The 701 Series Proximity Suit features an aluminized glass outer surface, a neoprene coated liner and its unique insulation. The suit comes complete with a hood with a gold reflective face shield, coat, pants, mitts and Boots. The suit is also available with SCBA accommodations. Offered in sizes Small, Medium, large, and Extra Large. Individual replacement components and storage bags are available.

Heat Tolerances

- 1 Short duration entry into oven or other areas of high heat up to 200°F (277C) ambient temperature.
2. Exposure to radiant heat up to 2000°F (1111C)

Ordering Information

Model Numbers

701 /BA	Proximity Suit Complete, SCB accommodation
701	Proximity Suit Complete

Suit Components

710-2W	Proximity Hood
710-11.G	Proximity Hood
721/BA	Proximity Coat
721	Proximity Coat
731	Proximity Pants
755	Proximity Boots
740	Insulated Mitt



701 Series Proximity Suit

1000 Series Fire Entry Suit

These suits are designed for short duration entry into total flame engulfment or furnace. The 1000 Series Suits consist of separate coats and pants constructed from multiple layers of glass insulation, aluminized glass, and non-aluminized glass surfaces. This unique, break through insulation technology delivers superior heat and flame protection. 1000 Series Fire Entry Suits feature ergonomic designs permitting users greater freedom of movement. Details include contoured sleeves, wider shoulders, and an improved back which provides good radial movement for the arms. The generous hoods have excellent lateral and vertical visibility. Faceshield protection is provided by a multi-layered system of tempered glass and reflective gold on a heat resistant lens. With expanded backs, the coats accommodate a self contained breathing apparatus (SCBA). The coat overlap prevents closures from becoming hot while the suit is in use. The 1000 Series Fire Entry Suit comes complete with hood, coat, pants, mitts, hoots and storage bag. The 1000 Series Fire Entry Suit is available in two sizes; the 1000/K fits heights from 5'10" up to 6' 1", with weights ranging from 170 lbs. up to 210 lbs. The 1000/SS fits heights from 5'5" up to 5'9", with weights ranging from 140 lbs. to 165 lbs. Individual replacement components are available.



Heat Tolerances

1. Short duration entry into total flame of 1500F (833C).
2. Short duration entry into furnace or oven to 1500F (833C) ambient.
3. Prolonged exposure to radiant heat up to 2000F (1111C).

Ordering Information

Model Numbers

1000/K	Fire Entry Suit Complete, SCBA accommodation, storage bag
1000/SS	Fire Entry Suit complete, SCBA accommodation, storage bag
	Suit Components
1010	Fire Entry Hood
1020/R	Fire Entry Coat
1030/R	Fire Entry Pants
1020/SS	Fire Entry Coat
1030/SS	Fire Entry Pants
1055	Fire Entry Boots
1040	Fire Entry gauntlet

900 Series Kiln Entry Suit

This Kiln Entry suit is for workers who must function in kiln or other extreme heat situations that do not involve total flame, but require high quality heat protection. Fyrepel's unparalleled insulation capabilities make these 900 Series Suits the top choice for tough jobs, such as furnace repairs at high ambient temperatures in the steel, glass and ceramic industries, or where high pressure steam is a threat in petrochemical and chemical plants. Fyrepel 900 Series Kiln Entry Suits put multiple layers of glass and an extra layer of aluminized glass between you and dangerous heat or non-ferrous splash. These suits are tailored to be worn with a self contained breathing apparatus (SCBA) for protection in hostile atmospheres. Faceshield protection is provided by a multi-layered system of tempered glass and reflective gold on a heat resistant lens. The hoods have excellent lateral and vertical visibility. The 900 Series Kiln Entry Suit comes complete with a hood, coat, pants, mitts, boots and storage bag. The 900 Series Kiln Entry Suit is available in two sizes; the 900/R fits heights from 5'10" up to 6'1", with weights ranging from 170 lbs. up to 210 lbs. The 900/SS fits heights from 5'5" up to 5'9", with weights ranging from 140 lbs. to 165 lbs. Individual replacement components are available.



Heat Tolerances

1. Short duration entry into kiln, furnace or oven to 1500F (833C) ambient.
2. Prolonged exposure to radiant heat up to 2000F (1111C).

Ordering Information

Model Numbers

900/R	Kiln Entry Suit Complete, SCBA accommodation, storage bag
900/SS	Kiln Entry Suit Complete, SCBA accommodation, storage bag

Suit Components

910	Kiln Entry hood
920/R	Kiln Entry Coat
930/R	Kiln Entry Pants
920/SS	Kiln Entry Coat
930/SS	Kiln Entry Pants
955	Kiln Entry Boots
940	Kiln Entry Gauntlet





KIT CARE PROTECTIVE INSULATED CLOTHING



600 Series Insulated Proximity Sleeve, Style 636-24AG

Indispensable where workers may make accidental contact with hot metal, glass, or high heat surfaces, these sleeves provide the user with short duration exposure to high heat up to 300F (149C) ambient temperature, and 2000F (1111C) radiant heat. Outer surface is aluminized glass with an inner neoprene coated aramid lining. Straps keep sleeves up and in place while working.



600 Series Insulated Conical Proximity Sleeve, Style 636-IAG

Conical shape provides added measure of protection and easier donning and doffing. Temperature protection from these proximity sleeves is short duration exposure to high heat tip to 300F (1490C) ambient temperature, and 2000F (1111C) radiant heat. Outer surface is aluminized glass with an inner neoprene coated aramid lining. Gloves not included.



300 Series Approach Sleeves, Style 336-18AG

General purpose heat protective sleeve that work in a variety of environments. Approach sleeves are non insulated and perform in areas up to 200F (111C) ambient temperature, and radiant heat up to 2000F (1111C). Sleeves have elastic at both ends for consistent protection. Available in Aluminized Glass or Aluminized Rayon.



700 Series Proximity Boot, Style 755.

Fyrepel's 755 Insulated Proximity Boot is useful in short duration entry into high heat work environments up to 500F (277C) ambient temperature, and radiant heat up to 2000F (1111C). Boot features multi layer construction, with the outer layer composed of high temperature aluminized glass and an moisture/steam barrier inner lining. Snap closures ensure a comfortable fit.



300 Series Approach Boot Style 355AG.

The 300 Series non insulated Aluminized Glass Approach Boots used for maintenance and operational tasks in areas up to 200F (111C) ambient temperature, and radiant heat up to 2000F (1111C). The 355A6 boots offer a texturized anti-skid neoprene sole with a substrate of high temperature glass. The 350AG boot features a Fyretred wooden sole for superior thermal protection. Aluminized rayon and Nomex® available.



Insulated Boot Style I-50.

The I-50 is an insulated boot that provides a greater degree of protection where higher temperatures are experienced. Boot material is Aluminized Glass and is constructed with a wooden Fyretred® sole.



329 AG Waist Style Apron



323-42 AG Bib Style Apron



325-45 AG Surgeon Style Apron



625-44 AG Insulated Apron

Aprons

These versatile 300 Series approach aprons offer superior protection against radiant heat. Useful for maintenance and operational tasks in areas up to 200°F (111°C) ambient temperature, and radiant heat up to 2000°F (1111°C), these non insulated aprons are available in bib or surgeon styles and in various lengths the non insulated styles are offered in a choice of two materials, aluminized glass and aluminized rayon. Also available are 600 Series insulated aprons which provide a greater degree of protection in work environments where higher temperatures are experienced (high heat up to 300°F (149°C) ambient temperature, and 2000°F (1111°C) radiant heat).

Ordering Information

Model Numbers

323-48AG — Aluminized glass bib style apron, 29" wide x 48" long
 323-54AR — Aluminized Rayon® bib style apron, 29" wide x 54" long
 323-30AR — Aluminized Rayon bib style apron, 29" wide x 36" long
 323-36AR — Aluminized Rayon® bib style apron, 29" wide x 48" long
 323-48AR — Aluminized Rayon® bib style apron, 29" wide x 48" long
 323-54AR — Aluminized Rayon bib style apron 29" wide x 54" long
 324-30AG — Aluminized glass bib style apron, 24" wide x 30" long
 324-36AG — Aluminized glass bib style apron, 24" wide x 36" long
 324-42AG — Aluminized glass bib style apron, 24" wide x 42" long
 324-48AG — Aluminized glass bib style apron, 24" wide x 48" long
 324-54AG — Aluminized glass bib style apron, 24" wide x 54" long

324-30AR — Aluminized Rayon® bib style apron, 24" wide x 30" long
 324-36AR — Aluminized Rayon® bib style apron, 24" wide x 36" long
 324-42AR — Aluminized Rayon® bib style apron, 24" wide x 42" long
 324-48AR — Aluminized Rayon® bib style apron, 24" wide x 48" long
 324-54AR — Aluminized Rayon bib style apron, 24" wide x 54" long

325-36A6 — Aluminized glass sturgeon style apron, 36" long
 325-42AG — Aluminized glass surgeon style apron, 42" long
 325-48AG — Aluminized glass surgeon style apron, 48" long
 325-54AG — Aluminized glass surgeon style apron, 58" long

325-36AR — Aluminized Rayon® surgeon style apron, 36" long
 325-42AR — Aluminized Rayon® surgeon style apron, 42" long
 325-48AR — Aluminized Rayon® surgeon style apron, 48" long
 325-54AR — Aluminized Rayon surgeon style apron, 54" long

326-50AG — Aluminized glass surgeon style, split leg apron, 50" long
 326-50AR — Aluminized Rayon surgeon style, split leg apron, 50" long



KIT CARE PROTECTIVE INSULATED CLOTHING

300 Series Approach Leg Protection.

Ideal for welders and other personnel whose lower body may encounter heat or hot surfaces. Protection is available in a variety of styles and combination: chaps protect the front of legs, spats protect the foot and shin, leggings provide all-round lower extremity protection and feature rugged loops that attach to wearers belt. Spring-style spats quickly “snap” around lower leg, eliminating time consuming fasteners.



333 SKAG Spring Style Spats



334 Spats



332 AG Chaps



332-1 AG Chaps with Spats



333 HAG Leggings with Spats

Model Numbers

332AG-300 Series aluminized glass chaps without spats
 322-IAG-300 Series aluminized glass chaps with attached spats
 333SKAG-300 Series aluminized glass spring style knee length leggings

333KAG- 300 Series aluminized glass 18" knee length leggings, snap or Velcro closure
 333HAG-300 Series aluminized glass hip length leggings
 334AG-300 Series aluminized glass spats

Hand Protection

Among the most important protective accessories from Fvrepel are specialized Mittens and Gloves. These hand coverings range from wristlet through 13" (33cm) Gauntlet to 18" (43cm) Mitt styles. These gloves and mitts protect the hand from high temperatures in many work environments. Choose from Fire entry, Kiln Entry, 700 Series, 300 Series or Leather gloves.



Model Numbers

1040- Fire Entry Mitt
 940- Kiln Entry Mitt
 740- Insulated Proximity Mitt
 740-1- One Finger Insulated Proximity Mitt

344-08- Approach Gauntlet, Aluminized Nomex
 344-02A- Approach Gauntlet, aluminized Rayon
 346 D4P- Heat Resistant Leather Glove
 343-26- Wristlet with Leather palm