

HR200 Heat Resistant Suit



EN11611:2015

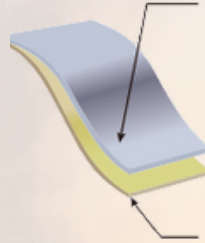


EN11612:2015



Meet the requirement of EN 11612:2015:B1 C3 D1 B3 F2

Fabric:



Exterior fabric: 335g/m² Aluminized aramid fabric

- The reflection of radiant heat is more than 85%
- The base fabric is aramid, with excellent high temperature resistant and breaking strength.

Inner fabric: 7.7oz/yd² FRC fabric, with excellent moisture absorption, feel soft and comfortable.

Features:

- The fiberglass and carbon fiber blended fabric, with its high-reflectivity aluminum foil, offers radiant heat protection up to 1200°C, reflecting over 90% of the radiant heat
- Utilizing a unique aluminum plating technology, the material is soft and flexible, and the aluminum foil is not easily detached
- Designed with human 3D structure, reducing the weight of the entire heat insulation suit, making it lighter and more comfortable to wear.
- Excellent abrasion resistance and high-temperature performance, non-flammable with no melting droplets
- The product has undergone various thermal performance tests, demonstrating excellent insulation and molten metal splash protection.
- Multiple suit options available, including: hood, jacket/bib pants (coveralls), gloves, boot covers, portable product bag, and plastic box.
- The shawl-style hood features a sealed face frame design, built-in safety helmet, wide field of vision, and a replaceable face shield.

Key Applications:

Metal casting and smelting in steel industries

Petrochemical industries

Production and processing of glass and plastic

Emergency response and fire fighting

The best choice
for radiant heat
and molten metal
splash protection

InnoviSafe⁷

Performance Tests:

EN ISO 11612

Test	Method	Result
Limited flame spread(A)	ISO 15025-A/B	Pass
Convective heat(B)	ISO 9151	B2
Radiant heat (C)	EN 6942	C4
Molten aluminium splash (D)	ISO 9185	D3
Molten iron splash(E)	ISO 9185	E3
Contact heat(F)	ISO 12127	F2

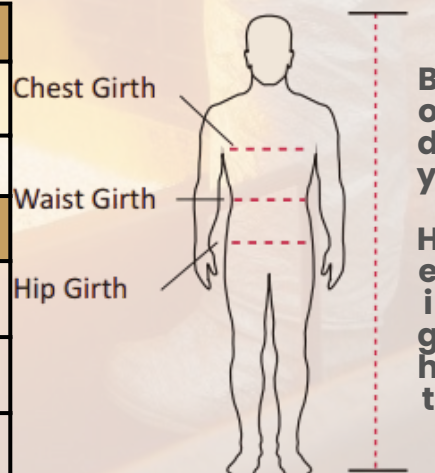
Product Codes:

Complete Suits:

Model	Description
HR200BA	Hood(HR265), Coat(HR228BA), Pants(HR246), Boots Cover(HR282), Gloves(HR290), storage bag()
HR200	Hood(HR265), Coat(HR228), Pants(HR246), Boots Cover(HR282), Gloves(HR290), storage bag()
HR260BA	Hood(HR265), Coverall(HR201BA), Boots Cover(HR282), Gloves(HR290), storage bag()
HR260	Hood(HR265), Coverall(HR201), Boots Cover(HR282), Gloves(HR290), storage bag()

Sizing:

Coat	SM	MD	LG	XL	2X	3X
Body Height(CM)	165	170	175	180	185	190
Chest girth(CM)	121	125	129	133	137	141
Pants	SM	MD	LG	XL	2X	3X
Body Height(CM)	165	170	175	180	185	190
Waist girth(CM)	45	47	49	51	53	55
Hip Girth(CM)	118	122	126	130	134	138



Components/Accessories



HR228

Coat

Can be worn independently as a primary protective coat and also integrate with the whole suit as upper coat, providing optimal overall protection.



HR228BA

Coat

(with SCBA Accommodation)



HR201

Coverall

Can be worn independently as a primary protective coverall and also integrate with the complete suit with hood, gloves, boots, etc to provide optimal overall protection.



HR201BA

Coverall

(with SCBA Accommodation)



HR228

Hood

The high-temperature face shield, fabricated using a multi-layer composite process, offers exceptional resistance to radiant heat and impact. It is lightweight, scratch-resistant, and easy to replace.



HR246

Pants

Paired with high quality red color suspender, this high-waisted pant is designed for ease of wear and maximum protection.



HR282

Boots Cover

Fitting with working boots easily.



HR290

Gloves

Gauntlet Style with leather palms, offering maximum comfortability and protection.



Approach Apron



Approach Smock



Sleeves

InnoviSafe⁷