

HEAT PROTECTION IN PERFECTION

Heat Protection Products



plus **50** YEARS
of experience

Technical advice provided by qualified employees with a long standing professional experience.

Running development of new products according to customer's specifications, that fit precisely to their respective points of use.

Developpement and production of use-friendly products in co-operation with the respective users

Selection and combination of suitable materials in cooperation with the fiber and fabric producers.

Ongoing development and improvement of products which are in use.

Highest security in connection with optimal comfort.

THE COMPANY

Since 1957 the name Excalor vouches for innovation, creativity and success. In the field of heat protection, we develop custom-made products solutions for our customers around the world. We owe our success to the high quality of our products as well as the long-standing experience and know-how of our employees.

Fire-fighting protective suit



Protection against chemicals



Heat protection suit



Accessories



PROTECTIVE CLOTHING

for ultimate safety

Our heat protective clothing- heavy duty type- have been approved acc. to EN1486 type 3. These are our models B30i/KSA, B31/BA580-A, B30/GPF and B20/GPF.

The model B20 has also the international maritime transport (MED) certification.

Our models of gloves designed for heat protection and safety have been approved acc. to EN 407 B30i.

PRODUCTS

Our complete range of products encompasses clothing for partial, body and full protection against heat: from heavy-duty type suits for direct fire entry (against flame contact), to mid-duty type suits for steel mills and foundries (against radiant heat), including light-duty type clothing (against metal splashes, sparking), as well the complete range of accessories.



Heat protective clothing for industry, for steelworks, and foundries

i.e. against radiant heat, sparking, metal splashes, molten metal



Heat protection suits- Heavy duty type

i.e. for fire fighting departments, suitable for direct fire entry exposure

1 piece suit
Model B30i/KSA,
certification acc.to EN 1486, type 3



Heat protective clothing- medium-duty type

e.g. for seagoing vessels, against radiant heat and short flame contact

2 pieces suit
Model B20/GPF
Certification acc.to EN 1486 and MED n°209015



2 pieces suit
(jacket and one pair of trouser)



Protective overcoat model S5



Frontal protection model S3



Apron model S1

EXAMPLES

For steelworks and foundries etc. it will be used the qualities KSA (aramid-glass fabric, unilaterally metallized), or KTA (100% Twaron , one side metallized) or BAS (Basofil/para-aramid/PFR rayon fleece with dual mirror aluminization).

Gloves

(acc.to EN 407) depending on the intended purpose of use

For contact heat up to about 500 °C, we propose our pair of mitts model H6, 43cm long, with reversible palm reinforcement and woolen lining in the quality SX (Silicontex: mixed fabric based on silicon and Calcium).

For radiant heat protection metalized gloves in the quality KSA (aramid-glass fabric) are to be used.



Model B150

Model B151

Equipement for the loading of fire fighting vehicules

Our models B150 and B151 in the quality RF are used.



Pair of 5-finger gloves model H3/KSA

For lighter contact heat we propose gloves, without metallization, e.g our model H4/bouclé or H4/K3 (with woolen lining)

EXAMPLES

As welder protective gloves is our model of 5-finger gloves H3/KSA (outer side: metalized fabric, inner hand: chrome split leather with woolen lining) the bestselling model.



Gazprom (Russian Federation)

For the fire fighting departments working on gas extraction plants a special protective suit developed for direct fire entry, which offers particularly a resistance to an increased radiant heat. In Orenburg, a field trial was further held. We provide more than 3. 200 suits models FONTANE I and FONTAN II. Today these are used in Siberia, Kazakhstan and Turkmenistan.

Federal Republic of Germany

On behalf of the German Ministry of Interior we provided across Germany all the disaster control units with more than 12. 000 heavy protective suits . Excalor protective suits are exclusively used. Originally it was planned to divide up the mission to four suppliers. After the presentation of the developed by us heat protection suit, we were as the sole supplier selected because of our quality-price ratio.

BASF und Wintershall

Heavy protective suit model II B30/BASF developed for plant fire departments. We provide BASF with a major number of items . BASF refers always to us for supplying lighter protective clothing for personal security used for the disposal of alkyl metal wastes.

OPEL / General Motors (Germany, Belgium, England, Portugal and Spain)

Our company has delivered more than 100.000 suppressor hoods for assembling car engines to Opel factories in Germany, Belgium, England, Portugal and Spain.

Other examples of successful projects

- E.ON Ruhrgas**
- TOTAL, Walter, Thyssen-Krupp**
- Blohm + Voss**
- Metz Aerials**
- Blautex (Austria)**
- Unico Haberkorn (Switzerland)**
- Renania (Romania)**
- Pertamina Berkat Jaya (Indonesia)**
- INTE (Venezuela)**
- JSF Firefighter representation for Far and Middle East**
- Airport Accra (Ghana)**

REFERENCES

Our products are used in more than 60 countries worldwide. Our references list includes clients such as: airport operators, shipping companies, refineries, operators of power plants, corporate groups in the chemical industry, automobile manufacturers, and more than 500 fire fighting departments.



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