

JanusPro

PROTECTING PEOPLE



**ANTIFLAME MULTI-PROTECTION
WOOL UNDERWEAR**

**COMPLETELY
FREE OF
CHEMICALS**
now also with electrostatic protection



ANTIFLAME EXTRA

TURTLENECK W/ZIP # 4451-393

LONG JOHNS # 4451-888

JanusPro underwear and middle layers are made from multi protection textiles which have had no form of chemical treatment or additives. They are completely safe to wear and kind to the environment.

It has taken years of research and development to produce multi protection underwear which is made purely of a combination of merino wool and ProtexM in addition to antistatic fibre in JanusPro Antiflame Extra and JanusPro Antiflame Plus. The combination of these fibres provides a life-long flame retardant, without the use of chemicals.

The garments have been tested and approved according to prevailing international safety standards for antiflame garments and have passed all tests with flying colours.

References to these tests and their results can be found on the last page of this brochure.

The greatest benefit with JanusPro products is that absolutely no chemicals are used in production. There's no doubt that this is the best choice for users of our garments. With JanusPro, no toxic substances will be absorbed by your skin. The new fibre mix is also a wonderful innovation for environmental protection. What's more, the new collection of JanusPro garments will retain full antiflame protection even after years of wearing and washing.

Safety standards



IEC 61482-1-2:2007

Protective clothing against the thermal hazards of an electric arc.



EN ISO 11612:2008

Clothing To Protect Against Heat And Flame.



EN 1149-5: 2008

Electrostatic protection



Oeko-Tex® Standard 100, class 2

The **JanusPro** brand is produced by **Janusfabrikken AS**, which was founded in 1895 and is currently one of the leading manufacturers of underwear, middle layers and socks in Europe.

The factory at Espeland in Bergen has around 120 employees producing clothing for children and adults. Janus is the market leader in Norway and their export share is on the increase. Janus is best known for its itch-free woollen garments for children and adults. Their range of quality cotton underwear is also very popular. Janusfabrikken produces large volumes of industrial underwear for domestic and international companies.


The company has set up offices in St. Petersburg, Russia and Borås, Sweden in addition to brand shops on Iceland. Janus also has partners in Finland, Spain and Croatia. The Janus brand name is sold to large chains and individual retailers selling textiles, sports, defence and industrial products. Janusfabrikken also manufactures the Iris and Krone brands. The company is enjoying a period of significant growth, and is increasing its market share both at home and on the export market.


ANTIFLAME REGULAR WOOL


W

50% Merino wool
50% Protex M



 **JanusPro® Antiflame Regular Wool** er laget av 50 % merinoull og 50 % Protex M®. Kombinasjonen av disse to fibrene gir en innebygget, flammehemmende effekt i hele plaggets levetid, uten bruk av kjemikalier. Hele kolleksjonen tilfredsstiller kravene til flamme- og varmesikkert vernetøy i EN ISO 11612: 2008 og er CE-merket. JanusPro® Antiflame Regular Wool har også blitt testet og godkjent i henhold til Oeko-Tex Standard 100 klasse 2 og garanteres fri for skadelige stoffer mot huden. JanusPro® Antiflame Regular Wool er myk og behagelig mot huden og ribbestrikk gir en kjølede effekt mot huden når du blir varm. JanusPro® Antiflame Regular Wool er plagg for deg som trenger flammehemmende undertøy hele året. Plaggene kan brukes sammen med JanusPro® Antiflame Plus på ekstra kalde dager. Kombinasjonen av ull og Protex M® gir en enestående transport av fuktighet og holder huden tørr og komfortabel.

 **JanusPro® Antiflame Regular Wool** garments are made from 50 % merino wool and 50 % Protex M® . The combination of these two fibre provides an inherent, life-long flame retardant effect, without the use of chemicals. The entire collection meets the requirements of EN ISO 11612:2008 and has the CE mark. JanusPro® Antiflame Regular Wool has also been tested and approved according to the Oeko-Tex® Standard 100, class II and is guaranteed to be completely free of toxic substances. JanusPro® Antiflame Regular Wool garments are soft and comfortable, and the ribbing provides a cooling effect against the skin. JanusPro® Antiflame Regular Wool garments are perfect for use as flame-retardant underwear all year round. We recommend the garments to be worn together with JanusPro® Antiflame Plus on extra cold days. The combination of wool and Protex M® gives an outstanding transport of moisture and keeps your skin dry and comfortable.

 **JanusPro® Antiflame Regular Wool** är tillverkade i 50 % merinoull och 50 % modakryl (Protex M®). Kombinationen av dessa två fibrer ger ett permanent flamskydd utan användning av kemikalier (Inherent) Hela kolleksjonen uppfyller flamskyddskraven enligt EN ISO 11612: 2008 och har CE-märkning. JanusPro® Antiflame Regular Wool är testade och godkända enligt Oeko-Tex® Standard 100, klass II som garanterar att plaggen är fria från giftiga ämnen. Kombinationen av ull och modakryl (Protex M) gör att plaggen känns mjuka och sköna mot huden. Tack vare den tunna ribbkonstruktionen har plaggen bra fukttransport som ger en kylande effekt när du blir varm och håller därmed huden torr. JanusPro® Antiflame Regular Wool är perfekt för dig som bär flamskyddsunderkläder under hela året. Komplettera gärna med JanusPro® Antiflame Plus vid extra kalla dagar.



Turtleneck

Product number:
4432-889

SIZE: XS-3XL

Sweater

Product number:
4432-890

SIZE: XS-3XL

T-shirt

Product number:
4432-886

SIZE: XS-4XL

Long johns

Product number:
4432-888

SIZE: S-3XL



Boxer

Product number:
4432-884

SIZE: S-3XL

Balaclava

Product number:
4432-875

SIZE: ONE SIZE

Neck Warmer


Product number:
4432-870


SIZE: ONE SIZE


ANTIFLAME EXTRA X

78% Merino wool
20% Protex M
2% No-Shock anti-static fibre



 **JanusPro® Antiflame Extra Wool** undertøy og mellomlag er multivernebekledning laget av 78 % merinoull, 20 % Protex M® og 2 % No-Shock® antistatfiber. Kombinasjonen av disse tre fibre sørger for at plaggene har en evigvarende, innebygget flammehemmende effekt, uten bruk av kjemikalier. Hele kolleksjonen tilfredsstiller kravene i EN ISO 11612:2008 for flammehemmende tekstiler, beskyttelse mot statisk elektrisitet i henhold til klassifisering EN 1149-5: 2008 og er CE-merket. Stoffet i klærne er testet og tilfredsstiller kravene til beskyttelse mot lysbuegnist klasse 1 etter klassifisering IEC 61482-1-2:2007. JanusPro® Antiflame Extra er testet og godkjent etter klasse 2 i Oeko-Tex 100-standarden og er dermed garantert fri for skadelige stoffer mot huden. JanusPro® Antiflame Extra er myk og komfortabel mot huden og isolerer godt, selv når du er våt, takket være kombinasjonen av merinoull og Protex M®. Denne kolleksjonen passer perfekt for deg som jobber i varierende klimatiske forhold og samtidig trenger flammehemmende effekt, antistatbeskyttelse og lysbuebeskyttelse. På de ekstra kalde dagene bør klærne kombineres med JanusPro® Antiflame Plus.

 **JanusPro® Antiflame Extra Wool** garments are multi-protective clothing made from 78 % merino wool, 20 % Protex M® and 2 % No-Shock® anti-static fiber. The combination of these three fibre provides an inherent life-long flame retardant effect, without the use of chemicals. The entire collection meets the requirements of EN ISO 11612:2008 protection from heat and flame, electrostatic dissipative protective clothing in compliance with EN 1149-5: 2008 and has the CE mark. The fabric also meets the requirements of protection against electric arc class 1, IEC 61482-1-2:2007. JanusPro® Antiflame Extra has also been tested and approved according to the Oeko-Tex® Standard 100, class II and is guaranteed to be completely free of toxic substances. JanusPro wool antiflame interlock garments are soft and comfortable against the skin, providing excellent insulation even when wet, given the moisture control of the wool/Protex M® combination. The garments in this collection are perfect for all those working in varying conditions and who also need flame-retardant-, anti-static and electric arc protection. Combine with JanusPro® Antiflame Plus on extra cold days.

 **JanusPro® Antiflame Extra Wool** är en serie multiskyddsplagg tillverkade i 78 % merinoull, 20 % modakryl (Protex M®) och 2 % No-Shock® antistatfiber. Kombinationen av dessa tre fibrer ger ett permanent skydd, utan användning av kemikalier (Inherent). Hela kolleksjonen uppfyller flamskyddskraven enligt EN ISO 11612: 2008, samt elektrostatiskt skydd enligt EN 1149-5: 2008, och har CE-märkning. Materialet i plaggen uppfyller även kraven skydd mot ljusbåge enligt IEC 61482-1-2:2007 klass 1. JanusPro® Antiflame Extra är testade och godkända enligt Oeko-Tex® Standard 100 klass II, som säkerställer att plaggen inte innehåller några skadliga ämnen som kan påverka människan eller miljön. JanusPro Antiflame Extra multiskyddsplagg är mjuka och behagliga mot huden och ger utmärkt isolering även i vått tillstånd, på grund av kombinationen merinoull och modakrylfibern (Protex M®). Plaggen i denna multiskydds kollektion är perfekt för alla som arbetar i miljöer med varierande förhållanden där man både behöver skydd mot flamma, ljusbåge- samt där det finns explosionsrisk (ATEX-miljöer). Komplettera gärna med JanusPro® Antiflame Plus vid extra kalla dagar.



Turtleneck w/zip

Product number:
4451-393

SIZE: XS-3XL

Turtleneck w/zip

Product number:
4451-893

SIZE: XS-3XL

Turtleneck

Product number:
4451-885

SIZE: XS-3XL

Sweater

Product number:
4451-890

SIZE: XS-3XL

T-shirt

Product number:
4451-886

SIZE: XS-4XL

*Has extra neck protection



Long johns lady

Product number:
4451-186

SIZE: XS-XL

Long johns

Product number:
4451-888

SIZE: S-3XL

Boxer

Product number:
4451-884

SIZE: XS-3XL

Balaclava

Product number:
4451-875


SIZE: ONE SIZE


Neck Warmer


Product number:
4451-724JP

SIZE: ONE SIZE



 **JanusPro® Antiflame Plus Wool** undertøy og mellomlag er multivernebekledning laget av 83 % merinoull, 15 % Protex M® og 2 % No-Shock® antistatisk fiber. Kombinasjonen av disse tre fibre sørger for en innebygget flamme-hemmende effekt som varer i hele plaggets levetid, helt uten bruk av kjemiske tilsetningsstoffer. Hele kolleksjonen er testet og tilfredsstillende kravene til verneklær mot varme og ild, EN ISO 11612:2008 og verneklær mot statisk elektrisitet, EN 1149-5:2008. Stoffet i klærne er testet og godkjent som beskyttelse mot lysbue i henhold til IEC 61482-1-2:2007. JanusPro® Antiflame Plus er også testet og godkjent i henhold til Oeko-Tex-standard 100 klasse 2 og er dermed garantert fri for skadelige stoffer mot huden. Den flossete innsiden gir ekstra luft i plagget og øker derfor isolasjonsevnen i stor grad. JanusPro® Antiflame Plus kan brukes som undertøy direkte mot huden, men egner seg også godt som et ekstra isolerende lag utenpå våre tynnere kvaliteter, særlig på de ekstra kalde dagene. Klærne er perfekte for deg som jobber i tøffe eller varierende klimasoner og samtidig trenger flammehemmende effekt, beskyttelse mot statisk elektrisitet eller mot lysbuegnist. Den høye andelen merinoull sikrer deg god isolasjon selv i våt tilstand og holder deg varm og tørr.

 **JanusPro® Antiflame Plus Wool** garments are made from 83 % merino wool, 15 % Protex M® and 2 % No-Shock® anti-static fiber. The combination of these three fibre provides an inherent, life-long flame retardant effect, without the use of chemicals. The entire collection meets the requirements of EN ISO 11612:2008, anti-static protection in compliance with EN 1149-5: 2008 and has the CE mark. The fabric also meets the requirements of protection against electric arc class 1, IEC 61482-1-2:2007. JanusPro® Antiflame Plus has also been tested and approved according to the Oeko-Tex® Standard 100, class II and is guaranteed to be completely free of toxic substances. The terry inside gives the garments extra air and significantly increases insulation capacity. JanusPro® Antiflame Plus garments may be used as underwear directly on the skin or as garments over thinner thermal underwear on colder days. The garments are perfect for all those working in tough and varied climates, and who need flame-retardant multi-protection. The more layers of antiflame garments you wear, the greater the protection. The wool/Protex M blend offers an excellent moisture control and keeps your skin dry.

 **JanusPro® Antiflame Plus Wool** är en serie lager 2 plagg (mellanlager) med multiskydd tillverkade i 83 % merinoull, 15 % modakryl (Protex M®) och 2 % No-Shock® antistatfibrer. Kombinationen av dessa tre fibrer ger ett permanent skydd, utan användning av kemikalier (Inherent). Hela kollektionen uppfyller flamskyddskraven enligt EN ISO 11612: 2008, samt elektrostatiskt skydd enligt EN 1149-5: 2008 och har CE-märkning. Materialet i plaggen uppfyller även kraven skydd mot ljusbåge enligt IEC 61482-1-2:2007 klass 1. JanusPro® Antiflame Plus är testat och godkänt enligt Oeko-Tex® Standard 100, klass II som garanterar att plaggen är fria från giftiga ämnen. Den speciella fleecefrotté konstruktionen har en slät framsida som är mycket slitstark och ullfrottéöglorna på insidan bildar en luftspalt och ger därmed en fantastisk bra isolation. Den höga andelen merinoullen isolerar även i vått tillstånd och håller dig varm och torr. JanusPro® Antiflame Plus kan användas som underkläder direkt mot huden, samt är också väl lämpad som ett extra isolerande lager utanför våra tunnare kvaliteter, särskilt under de extra kalla dagarna. Plaggen är perfekta för dig som arbetar under hårda förhållanden i varierande klimatzoner där det samtidigt krävs skydd mot flamma, ljusbåge- samt där det finns explosionsrisk. (ATEX-miljöer)



Jacket

Product number:
4412-498

SIZE: XS-3XL



Turtleneck w/zip

Product number:
4412-393

SIZE: XS-3XL



Long johns

Product number:
4412-488

SIZE: XS-3XL





ANTIFLAME PLUS JACKET # 4412-498

ANTIFLAME WOOLLEN SOCKS

S



JanusPro woollen socks and woollen ragg socks are all flame retardant and are made mostly of wool. All socks meets the requirements of EN ISO 11612:2008. They are guaranteed to keep your feet warm. Other fibres have been mixed with the wool in order to increase strength and provide a perfect fit. The 7500 is a thinner sock for milder temperatures. The 7105 is a woollen sock with normal length. The 7106 is somewhat thicker and longer than the 7105, while the 7107 is extra long and is the perfect choice inside high boots, for example. All the JanusPro woollen socks are comfortable and keep you warm on cold days or if you often find that your feet are cold. The socks both insulate from the cold and provide extra cushioning when standing or walking on hard surfaces. It is now a commonly known fact that wool keeps us warm, even when it is wet. Wool also breathes more than most other types of yarn. For a list of fibre mixes for each type of JanusPro sock, go to the last page.



Thin wool socks

Product number:
7500

SIZE: 35-39/40-47

Thick wool socks

Product number:
7105

SIZE: 35-39/40-47

Thick wool socks

Product number:
7106

ONE SIZE: 40-47

Thick wool socks

Product number:
7107

SIZE: 35-39/40-47



JanusPro

PROTECTING PEOPLE

Fabric certificates:

	Quality	Weight	Blend	EN ISO 11612	IEC 61482-1-2	EN 1149-5
W	4432	200 g/sgm	50%Wool/ 50% ProtexM	A1, B1, C1		
X	4451	225 g/sgm	78% Merino wool / 20% Protex M / 2% No-Shock anti-static fibre	A1, B1, C1	Class1	Yes
+	4412	360 g/sgm	83% Merino wool / 15% Protex M / 2% No-Shock anti-static fibre	A1, B2, C1	Class1	Yes

ANTIFLAME PLUS **+** Fleece frotté

4412-488	Long john	EC70662
4412-498	Jacket	EC70662
4412-393	Zip polo	EC70662

ANTIFLAME REGULAR WOOL **W** Rib 1x1

4432-890	Shirt	EC 48986
4432-888	Long John	EC 48986
4432-875	Balaclava	EC 48986
4432-889	Turtle w/zip	EC 48986
4432-886	T-Shirt	EC 48986
4432-884	Boxer	EC 48986
4432-870	Neck Warmer	EC 48986

ANTIFLAME EXTRA **X** Interlock

4451-885	Turtleneck	EC65896
4451-393	Turtle w/zip	EC65896
4451-893	Turtle w/zip	EC65896
4451-186	Long john lady	EC65896
4451-890	Sweater	EC65896
4451-888	Long john	EC65896
4451-886	T-Shirt	EC65896
4451-884	Boxer	EC65896
4451-875	Balaclava	EC65896
4451-721JP	Neck Warmer	EC65896

CE certificates:

ANTIFLAME WOOLEN SOCKS **S**

Socks:	Blend	ISO 11612	EC certificate
7500	65%Wool/32%Polyamid/3%Elastan	A1, B2, C2	EC 49885
7105-7107	80%Wool/18%Polyamid/2%Elastan	A1, B2, C2	EC 50142
7106	80%Wool/18%Polyamid/2%Elastan	A1, B2, C3	EC 50770

Norway

Janusfabrikken AS
-Manufacturer-

Phone: +47 55 53 58 10
Fax: +47 55 53 58 01
ordre@janus.no
sot@janus.no

Sweden

Janusfabrikken AS /
Kjelltex AB /

Phone: +46 (0) 33 239550
Fax.+46 (0) 33 239551
Mob.+46 (0) 705 121298
info@kjelltex.se

International

Janusfabrikken AS
-Manufacturer-

Phone: +47 55 53 58 10
Fax: +47 55 53 58 01
ordre@janus.no