

TECHNICAL SHEET

| FROZ | EN - padded trousers | |
|-------------|--|--|
| Description | <i>3M™ SCOTCHLITE™ Reflective Material</i> <i>reflex inserts - 8910 Silver Fabric,</i> adjustable waist, bottom opening with zip, double back pocket with flap, knee and leg ergonomic design, knee patches, reinforced leg end, right side pocket, thermo welded, wide back zipped pocket, YKK® zip | |
| Maintenance | Maximum wash temperature: 30°C; Do not bleach; Do not dry clean; Do not dry in a tumble dryer; Do not iron. Image: state of the state of | Item V008-0-00 Khaki/black V008-0-01 Grey/black V008-0-02 Navy/black V008-0-03 Clay brown/black V008-0-03 Clay brown/black V008-0-05 Black/black Standards EN ISO 13688:2013 Image: Standards EN 343:2003+A1:2007 Image: Standards EX 343:2003+A1:2007 Sizes 44 – 64 |

SAFETY TECHNICAL SPECIFICATIONS

| | Test method | description | Cofra result | minimum requirement / range |
|---|--|---|---------------------------------|--|
| Background and colour insert fabric | EN ISO 1833-1977, SECTIONE 10 | Composition : polyester Polyurethane coated | 100% | |
| | EN ISO 12127:1996 | Weight per unit area | 200 g/m ² | |
| | EN ISO 13688:2013 4.2 | The pH's determination from the watery extract | pH: 5.6 | 3,5≤PH≤9,5 |
| | (EN 1413) | | | |
| | EN ISO 13688:2013 4.2 | Search of the aromatic and carcinogenic amines | Not recording | ≤30 ppm |
| | (EN 14362-1:2012) | | | |
| | EN ISO 13688:2013 5.3 (EN ISO 6630 / ISO5077) | Dimensional change to washing (4N/40°C) | warp: -0.5% weft: 0.0% | ±3% |
| | ISO 105-X12 | Colour fastness to rubbing | dry: 4-5 wet; 4-5 | ≥3 |
| Made by Workwear Technical Dept. | given or d | es, tables, data, directives and others informations here c lisclosed to any third party. It shall be prohibited to give, to bject different from the recipient according to both Article | o share and to copy data contai | ned in this notice and its relative attached documents |

given or disclosed to any third party. It shall be prohibited to give, to share and to copy data contained in this notice and its relative attached documents by any subject different from the recipient according to both Article 616 of Penal Code and Personal Data Protection Code (Italian Legislative Degree n.196/2003). According to Article 98 and Article 99 of C.P.I, Cofra s.r.I will act through civil, administrative, or penal sanctions in respect of perpetrators in deference to articles 1 2 4 and successive ones of C.P.I. In case of dispute Italian exclusive jurisdiction will be apply as well as the competent court will be that one where Cofra s.r.I. has its registered office



TECHNICAL SHEET

| 05-C06 05 E04 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 0811) | Colour fastness to Laundering at 60°C <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) | 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 | Alkaline 4-5 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 1 CLASS 2 CLASS 3 | ≥3 ≥3 ≥5 Wp ≥ 8000 Protest requiredno test required | | |
|---|--|---|--|---|--|--|--|
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | Staining: diacetate cotton nylon polyester acrylic wool Colour fastness to perspiration Colour change Staining: diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥3 ≥5 $Wp \ge 8000 Pr$ no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | diacetate cotton nylon polyester acrylic wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4- | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | cotton nylon polyester acrylic wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) | 4-5 4 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4- | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | nylon polyester acrylic wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) | 4 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4- | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | polyester acrylic wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) | 4-5 4-5 Acid 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | acrylic wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) | 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 4-5 | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | wool Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 Acid 4-5 4-5 4-5 4-5 4-5 4-5 4 >8000 Pa Class 3 | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | Acid 4-5 4-5 4-5 4-5 4-5 4-5 4 8000 Pa | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 05-B02 43:2003+A1:2007 0811) 43:2003+A1:2007 | Colour change Staining: diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4-5 4-5 4-5 4 S8000 Pa | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | Staining: diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4-5 4-5 4 8000 Pa | 4-5 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | ≥5 Wp ≥ 8000 Pa no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | Staining: diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4-5 4 >8000 Pa | 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | diacetate cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4-5 4 >8000 Pa | 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | cotton nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4-5 4 >8000 Pa | 4-5 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | nylon polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4-5 4 >8000 Pa | 4-5 4-5 4-5 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | polyester acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4 8000 Pa | 4-5 4-5 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | acrylic wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4-5 4 >8000 Pa | 4-5 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | wool Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4-5 4 >8000 Pa Class 3 | 4-5 | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | Colour fastness to light -Test with a xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | 4 >8000 Pa Class 3 | | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 43:2003+A1:2007 0811) 43:2003+A1:2007 | xenon arc lamp Colour change Water penetration resistance - Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | >8000 Pa | a | CLASS 2 CLASS 3 | Wp ≥ 8000 P no test require | | |
| 0811) ŧ3:2003+A1:2007 | Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | Class 3 | а | CLASS 2 CLASS 3 | no test require | | |
| 0811) ŧ3:2003+A1:2007 | Wp [Pa] (before each pretreatment) Water penetration resistance - Wp [Pa] | Class 3 | a | CLASS 2 CLASS 3 | no test require | | |
| 43:2003+A1:2007 | Water penetration resistance - Wp [Pa] | | | CLASS 3 | | | |
| | Wp [Pa] | | | | | | |
| 0811) | | Wnx 120 | | CLASS 1 | no test required | | |
| 0811) | | wp> 130 | 000 Pa | CLASS 2 | Wp ≥ 8.000 Pa | | |
| | | | | CLASS 3 Wp ≥ 13.000 P | | | |
| 13:2003+A1:2007 | Water vapour resistance | Class 3 | | CLASS 1 | R _{et} > 4 | | |
| | R _{et} [m ² Pa/W] | | 6 [m ² Pa/W] | CLASS 2 | $20 < R_{et} < 4$ | | |
| 1092) | | | , | CLASS 3 | R _{et} <2 | | |
| | Topsilo strongth | | | | 150 1 | | |
| 13:2003+A1:2007 | | • | | > | >450 N | | |
| SO 1421) | | weit. It | JJZ IN | | | | |
| | Toor registered of costs day laminated | | | | | | |
| i3:2003+A1:2007 | fabrics | | | | >25 N | | |
| | | wett: 19 | 90.52 N | | | | |
| SO 4674) | | | | | | | |
| O I:2013/A1:2016 | Retro reflective performance requirements of new material | PASS | | | | | |
| EN ISO 20471:2013/A1:2016Requirements of retro reflective performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence. | | | | R´≥1 | R´≥ 100 cd/(lx m²) | | |
| | 3:2003+A1:2007 SO 1421) 3:2003+A1:2007 SO 4674) O :2013/A1:2016 O :2013/A1:2016 | 1092) 3:2003+A1:2007 Tensile strength SO 1421) 3:2003+A1:2007 Tear resistance of coated or laminated fabrics SO 4674) O Retro reflective performance requirements of new material O :2013/A1:2016 C:2013/A1:2016 Requirements of retro reflective performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence. m 7.0 Drafts, rules, tables, data, directives and others informations here | 1092) 3:2003+A1:2007 Tensile strength warp: 14 weft: 10 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 25 weft: 15 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 25 weft: 15 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 25 weft: 15 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 25 weft: 15 3:2013/A1:2016 Retro reflective performance requirements of new material PASS 0 :2013/A1:2016 Requirements of retro reflective performance, temperature, temperature variations, washing (50 cycles) and rain influence. PASS 0 :2013/A1:2016 Tear resistance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence. PASS | 1092) 3:2003+A1:2007 Tensile strength warp: 1419 N 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 252.78 N 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 252.78 N 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 252.78 N 3:2003+A1:2007 Tear resistance of coated or laminated fabrics warp: 252.78 N 3:0 4674) PASS O Retro reflective performance requirements of new material PASS O 2013/A1:2016 Requirements of retro reflective performations, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence. PASS mr.0 Drafts, rules, tables, data, directives and others informations here contained or attached to this documen | 1092) CLASS 3 3:2003+A1:2007 Tensile strength warp: 1419 N 3:2003+A1:2007 Tear resistance of coated or laminated warp: 252.78 N 3:2003+A1:2007 Tear resistance of coated or laminated warp: 252.78 N 3:2003+A1:2007 Tear resistance of coated or laminated warp: 252.78 N 3:2003+A1:2007 Tear resistance of coated or laminated warp: 252.78 N S0 4674) Weft: 196.52 N S0 O Retro reflective performance PASS 0 Requirements of new material PASS 0 Requirements of retro reflective PASS 2013/A1:2016 Requirements of retro reflective PASS 0 .2013/A1:2016 Requirements of retro reflective PASS 0 .2013/A1:2016 Performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (50 cycles) and rain influence. PASS | | |



TECHNICAL SHEET

| | | Compos | ition: pol | yester | | 100 | 9% | | | | | |
|---------|--|---|--|---|--|---|--|---|--|--|---|---|
| Padding | | Composition: polyester | | | | | 100% | | | | | |
| | | Weight p | oer unit a | rea | | 160 | g/m² | | | | | |
| FROZEN | EN 343:2003+A1:2007 4.2 (EN 20811) | A1:2007 Seams: Water penetration resistance Wp - [Pa] | | | | | 9613 Pa (| Class 3) | | CLASS | 32 Wp≥ | st required 2 8.000 Pa 13.000 Pa |
| | EN 343:2003+A1:2007 4.3 (EN 31092) | | | | | | =88.5(C | lasse 1) | | CLASS CLASS CLASS | 2 20 | R _{et} > 40 < R _{et} < 40 R _{et} <20 |
| | EN 343:2003+A1:2007 4.7 (EN ISO 13935-2) | 4.7 seam rupture using the grab method | | | | | | | | | ≥ 225 ľ | Ν |
| | | | | | | | | | | | | |
| | EN 342:2017 6.3 (UNI EN ISO 15831) | means c | of a therm | thermal ir nal maniki ash a 30°0 | n | oy I _{cler} | 0.383(B) | m²K/W | | | | |
| | 6.3 | means c (after 5 c | of a therm cycles wa | nal maniki ash a 30°(| n C) ng Ider and a | umbient ter | nperature | | for heat ba | lance at di | fferent act | tivity levels |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effective thermic | means c (after 5 c | of a therm cycles wa | nal maniki ash a 30°(| n C) ng _{ker} and a and dura | umbient ter ation of exp moving | nperature posure Lactivity | conditions | | | | |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effer thermic insulation lar | means c (after 5 c | of a therm cycles wa al insulatio | nal maniki ash a 30°0 n of clothir | n C) ng ker and a and dura | umbient ter ation of exp moving pht | mperature posure activity | conditions | mec | lium | me | dium |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effer thermic insulation lar 75 | means c (after 5 c ctive therma | of a therm cycles wa l insulatio | nal maniki ash a 30°(n of clothir - N/m ² | n C) ng ke and a and dura | umbient ter ation of exp moving pht W/m ² | nperature posure activity li 115 | conditions ght W/m ² | mec 170 \ | lium V/m² | me 170 | dium W/m² |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effer thermic insulation lar 75 [m ² K/W] air spec | means c (after 5 c ctive therma - W/m ² ed 0,4 m/s | of a therm cycles wa al insulatio | nal maniki ash a 30°(n of clothir | n C) ng kw and a and dura lik 115 air speed | umbient ter ation of exp moving ht W/m ² 10,4 m/s | nperature posure activity li 115 air sper | conditions ght W/m ² ed 3 m/s | mec 170 V air speed | lium V/m² 0,4 m/s | me 170 air spec | dium W/m ² ed 3 m/s |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effer thermic insulation law [m ² K/W] air spec [m ² K/W] air spec 8h 0,265 13 | means c (after 5 c ctive therma | of a therm cycles wa d insulatio 75 to air spec 8h 19 | nal maniki ash a 30°(n of clothir w/m ² ed 3 m/s 1h 7 | n C) ng ke and a and dura lik 115 air speec 8h 3 | mbient ter ation of exp moving ht W/m ² 10,4 m/s 1h -12 | mperature posure activity 115 air sper 8h 9 | conditions ght W/m ² ed 3 m/s 1h -3 | med 170 V air speed 8h -12 | lium V/m ² 0,4 m/s 1h -28 | me 170 air spec 8h -2 | dium W/m ² ed 3 m/s 1h -16 |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effer thermic insulation law [m ² K/W] air spec 8h 0,265 13 0,310 10 | means c (after 5 c ctive therma - W/m ² ed 0,4 m/s 1h 0 -4 | of a therm cycles wa d insulatio 75 V air spe 8h 19 17 | nal maniki ash a 30°C n of clothir - <u>W/m²</u> ad 3 m/s 1h 7 3 | n C) ng kter and a and dura lik 115 air speec 8h 3 -2 | mbient ter moving ht W/m ² 10,4 m/s 1h -12 -18 | mperature posure activity lii 115 air spec 8h 9 6 | conditions ght W/m ² ed 3 m/s 1h -3 -8 | mec 170 V air speed 8h -12 -18 | lium V/m ² 0,4 m/s 1h -28 -36 | me 170 air spec 8h -2 -7 | dium W/m ² ed 3 m/s 1h -16 -22 |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effer thermic insulation lar 75 [m ² K/W] air sper 8h 0,265 13 0,310 10 0.383 5,4 | means c (after 5 c ctive therma | of a therm cycles wa al insulatio 75 M air spec 8h 19 17 13,4 | nal maniki ash a 30°C n of clothir <u>-</u> <u>W/m²</u> ad 3 m/s 1h 7 3 -7,5 | n C) ng ke and a and dura lik 115 air speed 8h 3 -2 -8,4 | umbient ter moving ht W/m ² 10,4 m/s 1h -12 -18 -27,1 | nperature posure activity 115 air spe 8h 9 6 0,5 | conditions ght W/m ² ed 3 m/s 1h -3 -8 -15,3 | mec 170 V air speed 8h -12 -18 -28,1 | lium V/m ² 0,4 m/s 1h -28 -36 -47,9 | me 170 air spec 8h -2 -7 -7 -15,2 | dium W/m ² ed 3 m/s 1h -16 -22 -32,0 |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effective insulation law (K/W) air spectrum (m' K/W) air spectrum (m | means c (after 5 c ctive therma w/m ² ed 0,4 m/s 1h 0 -4 -11,3 -12 -20 | of a therm cycles wa al insulatio 75 V air spe 8h 19 17 13,4 13 7 | nal maniki ash a 30°C n of clothir - W/m ² ed 3 m/s 1h 7 3 - -2,5 -3 -9 | n C) ng kier and a and dura lik 115 1 air speec air speec 3 -2 -8,4 -9 -17 | mbient ter moving ht W/m ² 10,4 m/s 1h -12 -18 | nperature posure activity lit 115 air sper 8 9 6 0,5 0 -6 | conditions W/m ² ed 3 m/s 1h -3 -8 -15,3 -16 -24 | mec 170 V air speed 8h -12 -18 -28,1 -29 -40 | lium V/m ² 0,4 m/s 1h 28 36 47,9 49 60 | me 170 air spec 8h -2 -7 -15,2 -16 -24 | dium W/m ² ed 3 m/s 1h -16 -22 -32,0 -33 -43 |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effective insulation law (M) 4 air spectrum (M) | means c (after 5 c ctive therma | I insulatio | nal maniki ash a 30° on of clothin - N/m^2 ad 3 m/s 1h 7 3 -2,5 -3 -9 -11,1 | n C) ng kw and a and dura lik 115 ' air speec 8h 3 2 8,4 9 17 20 | umbient ter tion of exp moving ht W/m ² 10,4 m/s 10,4 m/s 10,4 m/s 10,4 m/s -12 -18 -27,1 -28 -38 -41 | nperature posure activity li 115 air sper 8h 9 6 0,5 0 -6 -8,1 | conditions W/m ² ed 3 m/s 1h -3 -8 -15,3 -15,3 -16 -24 -26,6 | mec 170 V air speed 8h -12 -18 -28,1 -29 -40 -43,8 | lium V/m ² 0,4 m/s 1h -28 -36 -47,9 -49 -60 -64,7 | me 170 air spec 8h -2 -7 -15,2 -16 -24 -27,4 | dium W/m ² ed 3 m/s 1h -16 -22 -32,0 -33 -43 -43 -46,8 |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effective insulation law (K/W) air spectrum (m' K/W) air spectrum (m | means c (after 5 c ctive therma w/m ² ed 0,4 m/s 1h 0 -4 -11,3 -12 -20 | of a therm cycles wa al insulatio 75 V air spe 8h 19 17 13,4 13 7 | nal maniki ash a 30°C n of clothir - W/m ² ed 3 m/s 1h 7 3 - -2,5 -3 -9 | n C) ng kier and a and dura lik 115 1 air speec air speec 8h 3 -2 -8,4 -9 -17 | mbient ter moving ht W/m ² 10,4 m/s 1h -12 -18 -27,1 -28 -38 | nperature posure activity lit 115 air sper 8h 9 6 0,5 0 -6 | conditions W/m ² ed 3 m/s 1h -3 -8 -15,3 -16 -24 | mec 170 V air speed 8h -12 -18 -28,1 -29 -40 | lium V/m ² 0,4 m/s 1h 28 36 47,9 49 60 | me 170 air spec 8h -2 -7 -15,2 -16 -24 | dium W/m ² ed 3 m/s 1h -16 -22 -32,0 -33 -43 |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effet thermic insulation law 75 [m ² K/W] air spet 0,265 13 0,310 10 0.383 5,4 0.390 5 0.470 0 0,500 -2,1 0.540 -5 0.620 -10 EN 342:2017 | means c (after 5 c ctive therma - W/m ² ed 0,4 m/s 1h 0 -4 -11,3 -12 -20 -22,6 -26 -32 Determ | of a therm cycles wa al insulatio 75 V air spec 8h 17 13,4 13 7,7 4 0 | ash a 30°C $\overline{N/m^2}$ $\overline{3 m/s}$ $\overline{1h}$ 7 3 -2,5 -3 -9 -11,1 -14 -20 of the per- | n C) mg kw and a and dura air speed 8h 3 -2 -8,4 -9 -17 -17 -20 -24 -31 | Imbient ter moving moving W/m² 10,4 m/s 11h -12 -18 -27,1 -28 -38 -41 -45 -55 | nperature posure activity 115 air sper 8h 0,5 0 -6 -8,1 -11 -17 nm/s | conditions w/m ² ed 3 m/s 1h -3 -15,3 -16 -24 -26,6 -30 | mec 170 V air speed 8h -12 -18 -28,1 -29 -40 -43,8 -49 -60 C | lium N/m ² 0,4 m/s 1h -28 -36 -47,9 -49 -60 -64,7 -71 | me 170 air spec 8h -2 -7 -15,2 -16 -24 -27,4 -32 -40 AP | dium W/m ² ad 3 m/s 1h -16 -22 -32,0 -33 -46,8 -52 -61 (mm/s) |
| | 6.3 (UNI EN ISO 15831) Table B: resultant effet thermic insulation law (Im ² K/W] air spet 0,265 13 0,310 10 0.383 5,4 0.390 5 0.470 0 0,500 -2,1 0.540 -5 0.620 -10 | means c (after 5 c ctive therma - W/m ² ed 0,4 m/s 1h 0 -4 -11,3 -12 -20 -22,6 -26 -32 Determ | of a therm cycles wa al insulatio 75 V air spec 8h 17 13,4 13 7,7 4 0 nination | ash a 30°C $\overline{N/m^2}$ $\overline{3 m/s}$ $\overline{1h}$ 7 3 -2,5 -3 -9 -11,1 -14 -20 of the per- | n C) mg kw and a and dura air speed 8h 3 -2 -8,4 -9 -17 -17 -20 -24 -31 | mbient ter moving ht W/m ² 10,4 m/s 10,4 m/s 10,4 m/s 10,4 m/s -12 -18 -27,1 -28 -38 -41 -45 -55 | nperature posure activity 115 air sper 8h 0,5 0 -6 -8,1 -11 -17 nm/s | conditions w/m ² ed 3 m/s 1h -3 -15,3 -16 -24 -26,6 -30 | mec 170 V air speed 8h -12 -18 -28,1 -29 -40 -43,8 -49 -60 | lium V/m ² 0,4 m/s 1h -28 -36 -47,9 -60 -64,7 -71 -84 | mee 170 air spee 8h -2 -7 -15,2 -16 -24, -27,4 -32 -40 AP AP | dium W/m ² ed 3 m/s 1h -16 -22 -32,0 -33 -46,8 -52 -61 |

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