

## LUMBERJACK 8D65.11

### S3 SRC WR HRO CLASS 2

PAG. 1/2  
SIZES 38 - 47

#### SYMPATEX® LINING

Waterproof membrane which absorbs the water vapor and removes it through the lining to the outside.

**sympatex®**

#### TECHNOLOGY ANTI-CUTTING

Guarantee protection against 24 M/S cuts caused by chainsaws.

#### NITRILE RUBBER BAND 360°

Rubber band that protects and stabilizes the bottom and ensures greater grip on mountainous terrain.

#### PERWANGER® LEATHER

Water and scratch resistant leather with excellent breathable and durability features. Exclusively from alpine pastures and selected suppliers.

#### COMFORT INSOCK

Soft and light with anti-static points. Easy to remove for cleaning and drying.

#### STEEL TOE CAP

Protects against pressure up to 200 joules.

#### INSOLE STABILIZER STEEL

Stabilizer, metallic, anti-static and anti-perforation

#### INSERT STABILIZATION

Extra traction and grip for better performance.

#### SKOVSON NITRILE RUBBER SOLE

Exclusive design that guarantees higher flexibility comfort and elasticity.



STEEL TOE CAP



STEEL INSOLE



WATER IMPERMEABILITY



RESISTANT UP TO 300°C SOLE



CLASS 2 CHAINSAW PROTECTION



## NORMS EN ISO 20345:2011

**S3** - Closed heel area with the following characteristics:

- E** - Heel energy absorption
- A** - Antistatic footwear
- FO** - Resistance to fuel oil of the outsole
- P** - Penetration resistance sole
- WRU** - Water penetration resistant uppers

#### ADDITIONAL CHARACTERISTICS:

- SRC** - Slip resistance on ceramic + sodium lauryl sulfate and steel + glycerin
- CLASS 2** - Chainsaw protection
- WR** - Water resistance
- HRO** - Resistance to hot contact of the outsole

## ADVANTAGES

Protection 360° | Exclusive design for lumberjacks | Waterproof | Cutting resistance | Contact resistant sole with hot surfaces

## WORKING ENVIRONMENT

Lumberjack | Montain | Forest

## LUMBERJACK 8D65.11

### S3 SRC WR HRO CLASS 2



**NITRILE RUBBER**

PAG. 2/2

**SPECIALLY  
DESIGNED**

**FOR LUMBERJACKS**

## TECHNICAL INFORMATION

MATERIALS	STANDARDS	DESCRIPTION	UN.	RESULTS	REQ. EN ISO 20345:2011
<b>UPPER</b> PERWANGER* - Water and scratch resistant leather with excellent breathable and durability features. Exclusively from alpine pastures and selected suppliers	<b>6.6+6.8</b>	<b>WATER VAPOUR PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>7,6</b>	min. 0,8
		<b>COEFFICIENT OF PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>66,7</b>	min. 15
	<b>6.3</b>	<b>TEARING STRENGTH</b>	N	<b>192</b>	min. 60
	<b>6.13</b>	<b>TRANSMITED WATER AFTER 60 MIN</b>	g	<b>0,0</b>	max. 0,2
		<b>ABSORVED WATER 60 MIN</b>	%	<b>4,6</b>	max. 30
<b>UPPER LINING</b> SYMPATEX* - Waterproof membrane which absorbs the water vapor and removes it throught the lining to the outside.	<b>6.6+6.8</b>	<b>WATER VAPOUR PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>4,3</b>	min. 2,0
		<b>COEFFICIENT OF PERMEABILITY</b>	mg/cm <sup>2</sup>	<b>35</b>	min. 20
	<b>6.3</b>	<b>TEARING STRENGTH</b>	N	<b>21</b>	min. 15
<b>HEEL LINING</b> SYMPATEX* - Waterproof membrane which absorbs the water vapor and removes it throught the lining to the outside.	<b>5.5.1</b>	<b>TEARING STRENGTH</b>	N	<b>21</b>	min. 15
	<b>6.12</b>	<b>ABRASION RESISTANCE (DRY)</b>	-	<b>approved</b>	51.200
		<b>ABRASION RESISTANCE (WET)</b>	-	<b>approved</b>	25.600
<b>INSOLE</b> STEEL - Stabilizer, metallic and anti-static. Anti-perforation protection.	<b>6.2.1.1</b>	<b>PERFORATION RESISTANCE</b>	N	<b>approved</b>	no perforation
<b>INSOCK</b> COMFORT - Soft and light with anti-static points. Easy to remove for cleaning and drying.	<b>5.5.2</b>	<b>ABRASION RESISTANCE (DRY)</b>	cycles	<b>approved</b>	25.600
		<b>ABRASION RESISTANCE (WET)</b>	cycles	<b>approved</b>	12.800
	<b>7.2</b>	<b>WATER DESORPTION</b>	%	-	min 80
		<b>WATER ABSORPTION</b>	mg/cm <sup>2</sup>	-	min 70
<b>SOLE</b> SKOVSON NITRILE RUBBER - resistance to high temperatures and great durability. Anti-slip characteristics and resistance to hydrocarbons and oils.	<b>8.2</b>	<b>TEARING STRENGTH</b>	N/mm	<b>9</b>	min. 8
	<b>8.3</b>	<b>ABRASION RESISTANCE</b>	mm <sup>3</sup>	<b>144</b>	max. 150
	<b>8.4</b>	<b>BENDING RESISTANCE</b>	mm	-	max. 4
	<b>8.6</b>	<b>OIL RESISTANCE VOLUME VARIATION</b>	%	<b>-6,03</b>	max 12
		<b>OIL RESISTANCE INCREASED TOUGHNESS</b>	Shore A	<b>&lt;10</b>	max 10
<b>FULL SHOE</b>	<b>5.1.1</b>	<b>SLIP RESISTANCE ON CERAMIC FLOOR WITH WATER AND DETERGENT</b>	flat heel	<b>0,43</b> <b>0,45</b>	min. 0,32 min. 0,28
		<b>SLIP RESISTANCE ON STEEL FLOOR WITH GLYCERINE</b>	flat heel	<b>0,20</b> <b>0,15</b>	min. 0,18 min. 0,13
	<b>5.4</b>	<b>IMPACT RESISTANCE</b>	mm	<b>13,0</b>	min. 13,0
	<b>5.5</b>	<b>COMPRESSION RESISTANCE</b>	mm	<b>17,5</b>	min. 15,0
	<b>5.14</b>	<b>CHOCK ABSORPTION (HEEL)</b>	J	<b>174</b>	min. 20
	<b>5.2</b>	<b>ADHESION STRENGTH SOLE/CUT</b>	N/mm	<b>4,4</b>	min. 4,0
		<b>CUT RESISTANCE BY CHAINSAW EN ISO17249-6.4-2013</b>	24 m/s	<b>approved</b>	level 2
	<b>6.2.5</b>	<b>WATER IMPERMEABILITY</b>	min	<b>approved</b>	max. 80

**SHOE WEIGHT (SIZE 42): 1,200 GR**