



WEIGHT AND MATERIAL PROPERTIES V.Q4.2025

Material		Weight	
Outsoles	PU	+	Polyurethane. Not suitable for all applications. 258 grams per sole in size 42.
	DUO	++	Combination of polyurethane and nitrile (nitrile tread). Combination of low weight and good properties such as abrasion and heat resistant tread 324 grams per sole in size 42.
	Nitril (Rubber)	+++	Fully nitrile. The most resistant sole. Required for heat-resistant version. 400 grams per sole in size 42.
Upper materials	MF Nubuck 1,8mm	+	Lightweight nubuck look microfiber. Not suitable for all applications due to open structure. Toe protection recommended when loading the toes of shoes (for example, when working on the knees).
	MF Nubuck 2,2mm	++	Solid nubuck microfiber. Over 20% thicker than version 1.8 and therefore much stronger and more resistant.
	MF smooth 1,8mm	++	Very resistant microfiber with excellent properties, very durable, easy to clean, vegan. Suitable for almost all applications.
	MF smooth 2,2mm	+++	Like Microfiber 1.8, but more stable.
	Leather	+++	Genuine leather. Used only on the heat-resistant version and for the real leather enthusiast. The heavier material, more care, more impact on the environment. 30,00 € per pair extra.
Lining	OnSteam	+	OnSteam is a 100% breathable microfiber that looks like leather. Lightweight, abrasion resistant, vegan.
	Dri-lex	+	Lightweight lining with open weave structure. Solid, moisture regulator and good heat dissipation.
	Sympatex	++	Water repellent membrane lining. Meets new S6 and S7 standards. Due to soft padding on the back, it is also suitable for diabetics.
	Diatec	++	Soft, smooth and elastic lycra lining with thick foam support. Fits into the shoe with as few seams as possible. Designed for diabetics.
	Nappa leather	+++	Durable nappa leather. Recommended for applications that require heat resistance.
Safety toe caps		+	All are made of lightweight composite. Of course, they meet the standard. The smaller the shell, the smaller the circumference of the shoe and, of course, the weight.
Sole (blade) anti-perforation	Kevlar	+	Not metal, but lightweight Hi-Tech Kevlar fabric. Advantage: non-cold-conductive, the entire surface is coated.
Scuff cap	Nitril	+	The anti-abrasion reinforcement is not heavy, but it affects the balance of the shoe, which can make the shoe heavy. Necessary in case of numerous impacts of the forefoot and work on the knees.
Rocker	PU	+++	PU. Please note that this material is heavier than the one used in your orthoses. For custom-made shoes, we therefore recommend incorporating as much unwinding as possible in the orthosis.