



SINCE  
**1950**

# TECHNOLOGIES ADITIONAL QUALITY NONWOVENS

## MALIVLIES VS/pAR

Aramid nonwoven textile



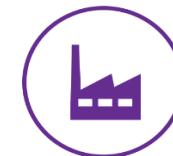
**Characteristic:** Stitched-bonded textile made by Malivlies technology

**Material content:** 50% FR Viscose

50% para aramid

**Weight:** 160 g/m<sup>2</sup>

**Regular use:** Protective textile for rolling stock seating, special durable clothing and industrail using



Material specification sheet

Date: 25.11.2025

## MALIVLIES VS/pAR

Aramid nonwoven textile

	MALIVLIES VS/pAR		160
<b>PHYSICAL PROPERTIES</b>			
Weight [ $\pm 10\%$ ] / EN 29073-1	g/m <sup>2</sup>		160
Thickness [ $\pm 10\%$ ] / ČSN EN ISO 9073 - 2	mm		2,1
<b>MECHANICAL PROPERTIES</b>			
Tensile strenght [min] / EN 29073-3	MD CMD	N/5cm	58 67
Elongation [ $\pm 20\%$ ] / EN 29073-3	MD CMD	%	48 60
<b>FLAMMABILITY*</b>			
TL 1010	MD CMD		0 0
ČSN EN 45545-2+A1	R21		HL1, HL2, HL3
UL94	MD CMD		HB & V-0 HB & V-0
<b>DIMENSIONS, PACKAGING AND STORAGE</b>			
Maximum width [cm]	250		-1 +3 cm
Length [m]	100		-
Packaging	Rolls are packed in PE foil, and wind up without paper tubes		
Storage	In covered, clean and dry spaces		

The above technical parameters are average values and serve for general information. The manufacturer reserves the right to change it.

\* The following parameters were tested A1 tested accredited by CZ Testing

\*\* Combined standard uncertainty.