



SINCE  
**1950**

## 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



# TRADITIONAL QUALITY NONWOVENS

Material specification sheet

Date: 25.11.2025

## MALIVLIES VS/pAR

Aramid nonwoven textile

MALIVLIES VS/pAR			160	
PHYSICAL PROPERTIES				
Weight [±10 %] / EN 29073-1	g/m <sup>2</sup>		160	
Thickness [±10 %] / ČSN EN ISO 9073 - 2	mm		2,1	
MECHANICAL PROPERTIES				
Tensile strenght [min] / EN 29073-3	MD	N/5cm	58	
	CMD		67	
Elongation [±20 %] / EN 29073-3	MD	%	48	
	CMD		60	
FLAMMABILITY*				
TL 1010	MD		0	
	CMD		0	
ČSN EN 45545-2+A1		R21	HL1, HL2, HL3	
UL94	MD		HB & V-0	
	CMD		HB & V-0	
DIMENSIONS, PACKAGING AND STORAGE				
Maximum width [cm]			250	-1 +3 cm
Lenght [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.