

# MASTER FLASH® MASTER-FLEX TECHNICAL DATA SHEET

PARAMETER	UNIT	VALUE	
Visible Flaws	-	no	
Length	m	5 or 10 (0% to +5%)	
Width	m	from 0.15 to 0.60 (from -0.5% to + 1%)	
Straightness	mm	≤ 50/10	
Thickness w/o butyl layer	mm	1,5 (±5%)	
Grammage w/o butyl layer	kg/mm <sup>2</sup>	1,690(±5%)	
Fire Resistance	Class	E	
Watertightness	10kPa Method B	Watertight	
Longitudinal Transverse	Tensile Strength	N/50mm N/50mm	≤200 ≤350
Longitudinal Transverse	Elongation	N/50mm N/50mm	≤50 ≤29
Static Load	kg	≤20	
Impact durability	mm	≤500	
Soft Base Hard Base	Hail Resistance	m/s	≤33 ≤22
Longitudinal Transverse	Tearing Resistance	N	≤80 ≤140
Longitudinal Transverse	Peel-Off Resistance	N/50mm	≤1.2 ≤1.1
Longitudinal Overlap Transverse Overlap	Dimensional Stability	N/50mm	≤60 ≤45
Longitudinal Transverse	Dimensional Stability	%	0.0 0.0
Low Temperature Bending	°C	≤40	
UV Resistance	1000h	Requirements Met	
Artificial Aging In High Temperature	8h 100°C	Requirements Met	

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Specifications subject to change without notice.