

ELABORATION	CONTROL	APPROVAL	CHRONO	DATE
F00623	C. ANGIBAULT	M. CABARDIS	26-058	02/07/2026

TECHNICAL MATERIAL DATA SHEET

Material n° : C4114	Colour : Noir / Black
Base : EPDM	
Hardness : 60 Shore A±5	

A Physical characteristics	Unit	Required	Results
Hardness, ±5 Shores A (ASTM D 2240)			60
Tensile strength, min (ASTM D 412)	kg/cm ²		50
Elongation at break, min (ASTM D 412)	%		300
Specific gravity (ASTM D 1817)	g/cm ³		1.35
Services temperatures (-2 to +100)	°C		OK

C Heat resistance	Unit	Required	Results
Change in hardness (ASTM D 573 72H at 70°C)	Shore A		≤ ±10
Change in tensile strength (ASTM D 573 72H at 70°C)	%		≤ -20
Change in ultimate elongation (ASTM D 573 72H at 70°C)	%		≤ -30
Ozone resistance (ISO 4649 50 pphm / 48h at 40° under elongation 20 %)			OK

E Dimensions	Unit	Required	Results
Thickness (Sheet)	mm		1-3 / 10-12 / 15-50

*The values are based on material slabs & buttons and are given as an indication.
We advise you to do your own tests validation.*