



“Canadian Technical Data Sheet”

Elastoflex S6 G C HP  
Elastoflex S6 G C HP FR

PROPERTIES  
(As per CAN/CGSB 37-GP-56M, Type 1a, Class A)

Properties		Elastoflex S6 G C HP (250)	Elastoflex S6 G C HP FR(250)
Thickness, mm		4.0	
Dimension, m		8 x 1	
Weight, kg		37.8	
Top face		Granules	
Under face		Film	
Reinforcement		Polyester	
Storage		Upright on pallet	
Application method		Torch applied	
Breaking strength, MD/XD, N		861/594	886/662
Strain energy, MD/XD, N		50,420/49,622	56,090/49,742
Ultimate elongation, MD/XD, %		58/84	63/75
Static puncturing test, @ 245 N, 1 hour, @ 23°C, scale (1-4)		Pass	
Low temperature flexibility @ -30°C		Pass	
Lap joint strength, N	Non-immersed	543	527
	Water immersed	488	576
	Freeze thaw	570	530
Lap joint water tightness	Non-immersed	Pass	
	Water immersed	Pass	
	Freeze thaw	Pass	
Crack bridging capability		Pass	
Water resistance, g		0.8	0.6
Water resistance, % change MD/XD		0.4/0.3	0.6/0.5
Water vapor Transmission, g/m <sup>2</sup> -24 hrs.		0.9	0.6
Dynamic impact test @ 2.45 J, scale (1-4)	@ 23°C	Pass	
	@ -10°C	Pass	
Granule embedment, g		0.1	0.3
Accelerated weather, visual		Pass	