



Fuzion 2.0 lb/ft³ STD/FRH1 (Skin/Skin Surface)

Effective Date: 7/12/2016

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES/RESULTS	METRIC UNITS	VALUES/RESULTS
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	2.0	kg/m ³	32
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	42.3	kPa	298
Tensile Strength	TD	ASTM D3575 - Suffix G		34.9		241
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	10.8	N/mm	1.89
Tear strength	TD	ASTM D3575 - Suffix G		11.7		2.05
Elongation at Break	MD	ASTM D3575 - Suffix T	%	156	%	156
Elongation at Break	TD	ASTM D3575 - Suffix T		164		164
Shore Hardness		ASTM D2440	00	54	00	54
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	5.4	kPa	37
	50%		PSI	13.8		95
Compression Set	50%, 24 hrs	ASTM D3575 - Suffix B	%	31	%	31
Working Temperature Range		-	°F	-76 / 194	°C	-60 / 90
Flammability		UL94 Sec. 12	-	HF-1: PASS	-	HF-1: PASS
Thermal Stability, 24 hrs at 158°F (70°C)		ASTM D3575 - Suffix S	%	2	%	2

Fuzion is a closed cell chemically crosslinked polyethylene foam in roll form.

SDS sheets available upon request.

UL listed for thicknesses ≥ 3mm (<http://iq.ul.com/ul/cert.aspx?ULID=102533169>)

Data represents typical values and should be considered as a guideline only.

Imperial data is converted from the metric results measured by testing according to ASTM standards.

The information above on Fuzion chemically crosslinked polyethylene foam is presented to the best of our knowledge.