

Family of products	Denim Material	Spec number	0034
Sub-family (trade mark)	Insul-Therm	Presentation	n/a
Application:	Wall / Duckwork Insulation	Date issue	7/23/2019

Significant Characteristics	Test Method	Unit	Tolerances
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Composition

Aspect	Appearance Color	Visual	Blue	
Fiber Blend	Binding fiber	Low Melt	20% LM	20%
	Other fibers	Fiber Grades	Tintoria FR /RR	80%
Facing	Side 1	Type	Reinforcement foil - See spec below	
	Side 2	Foil	Foil Lamination one side	

General Characteristics

Thickness	Thickness Gage		7mm	10.51
Basis weight	Weight Scale		47gr	47.67
Mechanical Properties	Tensile Strength at break	MD	Report	32.33
		AMD	Report	16.00
	Elongation at break	MD	Report	26.33%
		AMD	Report	27.78%
Flammability	Surface	E 84	Report	Pass Class I or A rating
Thermal performance	R-Value	ASTM C177 and ASTM C518	Report	1.64

Acoustical Performance

Test Conditions	1/3 Octave Band Center Frequency Hz						
20-21 C	HZ	250	500	1000	2000	4000	8000
69-70 % RH	Sound Absorption Coef.	n/a	n/a	n/a	n/a	n/a	n/a
986 hPa	Test Conducted per SAE J2883 wotj am ASTM E795 Type "A" Mounting						
	Sample A	Sample B		Sample C		Sample D	
PMI (Automotive)	37423	38739		47142		47104	

Foil specification

CT-FSKR-0750A thermo			
Facing Composition	Description	Values (English)	Values (Metric)
Foil	Aluminum	0.28 mil	7 micron
Adhesive	Flame retardant		
Reinforcing	Tri-directional Fiberglass	2 / inch (MD)	8 / 100mm
		3 / inch (XD)	12 / 100mm
Kraft	Natural	30 lbs. / 3000 ft2	50 g//m2
Heat activated adhesive	PE	1 mil	25 micron
			(approx. 18-20 g/sq. m.)



BluePoint