



**TRO
CEL
LEN**

INSULATION



TROCELLEN CLASSIC

THERMAL INSULATION

Crosslinked Polyethylene Foam – The superior insulation material



Durable

Trocellen Class foams have stood the test of time, retaining the same outstanding performance for decades.



Water Resistant

The closed-cell nature of our foam prevents water absorption, making it fully water resistant.



Non-Hazardous

Our foams are non-fibrous, VOC free and produces low toxic fumes when burnt.



Thermal Resistant

At Trocellen, we are well known for our superior thermal insulation properties for both heat and cold.

Thickness	Length
6 mm	72 M
9 mm	47 M
12 mm	35 M
15 mm	28 M
20 mm	20 M
25 mm	18 M

Other thicknesses and dimensions available upon request
Adhesive glue coating is an available option.

Our foam provides not only outstanding performance but world class qualities to our customers. Trocellen Classic is extensively tested to pass the stringent conditions of the UL94 standards, providing unparalleled fire-retardant performance in the market.



TROCELLEN CLASSIC

TECHNICAL DATA		TEST STANDARD	UNIT	TROCELLEN CLASSIC	
BARE FOAM:-					
DENSITY		ISO 845	Kg/m ³	30	
TENSILE STRENGTH	Longitudinal	ISO 1798	Mpa	0.22	
	Transversal		Mpa	0.18	
ELONGATION AT BREAK	Longitudinal	ISO 1798	%	150	
	Transversal		%	180	
COMPRESSION STRESS STRAIN AT DEFLECTION	10%	ISO 3386	KPa	9	
	25%		KPa	27	
	50%		KPa	78	
COMPRESSION SET (22h 25% 23°C) AFTER COMPRESSION RELEASE		24hr	ISO 1856	%	< 10
TEAR STRENGTH	Longitudinal	DIN 53507	N/mm	0.7	
	Transversal		N/mm	0.7	
WATER ABSORPTION		JIS K 6767 METHOD B	g/cm ²	0.00005	
OPERATING TEMPERATURE RANGE		-	°C	-40 to 90	
DIMENSIONAL STABILITY		DIN 53431	°C	90	
THERMAL CONDUCTIVITY	0°C	JIS A 1412-2	W/mK	0.035	
	23°C			0.037	
	40°C			0.040	
OZONE DEPLETING SUBSTANCES (NAMELY CFCs, HCFCs, HBFCs)		US EPA 5021A (MDL 1PPM)	-	NOT DETECTED	
VOLATILE ORGANIC COMPOUNDS (VOCs)		US EPA 5021A (MDL 1PPM)	-	NOT DETECTED	
GREEN STAR SPECIFICATION - TOTAL VOC EMISSION RATE		ASTM D5116	-	LOW VOC EMITTING (< 0.5 mg/m ² /hr)	
NOISE REDUCTION COEFFICIENT		ASTM C423	-	0.2	
RESISTANCE TO FUNGI		ASTM G21	-	ZERO GROWTH	
FIRE BEHAVIOUR:-					
BURNING TEST		UL 94	-	HF-1	

The data and information represented above are intended as a general guide only and are not construed as specification limits.

All the above information is given in good faith and in accordance with our knowledge and experience. Any written and illustrated application instructions are without legal obligation and do not relieve you from testing and confirming the goods with regard to their suitability for the intended application, use or conversion. The high quality of our products is guaranteed according to our general sales condition.



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