

MAIN FEATURES

- Smooth & Gloss • Fine Cell Structure • Low Flammability
- Non Corrosive • Non Toxic • High Impact Strength
- Good Sound & Thermal Insulation • Self Extinguishing
- Resistance to Oscillation & Vibration.

SUITABLE FOR

- Cut • Saw • Shear • Punch • Drill • Bend • Mill • Rivet
- Weld • Paint • Print • Photo Mount • Emboss • Engrave
- Thermoform

APPLICATIONS

- Switch Boards • Ventilation Duct • Insulation Purposes
- Chemical Tank Lines • Effluent channel lines
- Water Tanks • Templates • Industrial applications.

PRODUCT RANGE

Code	Colour	Thickness	Std. Width		Std. Length	
			mm	inch	mm	inch
J7011 J7010	Grey	2 to 12.7mm	1000	39	2000	79
			1220	48	2440	96
			1500	59	3050	120
J7016	White					

TECHNICAL PROPERTIES

Properties	Test	Unit	Value
Physical:			
Density	DIN53479	g/cc	1.38-1.46
Hardness	DIN53505	Shore 'D'	80
Mechanical:			
Tensile Strength	DIN53455	MPa	≥ 45
Elongation	DIN53455	%	≥ 60
E Modulus	DIN53457	MPa	2500-3000
Charpy impact strength	DIN 53253	KJ/m2	> 7.5
Thermal:			
Vicat (B/50)	DIN53460	0C	80
Coefficient of linear Thermal Expansion	ASTM D 696	0C-1	7.07x10-5
Electrical:			
Surface Resistivity	ASTM D 257	W	2.8x10 16
Volume Resistivity	ASTM D 257	W-cm	8.1x10 15
Dielectric Constant at 1MHZ	ASTM D 150	----	3.13
Dielectric Strength	DIN IEC 243	KV/mm	16.8
Dimensional Change at 120+2°C	BS 3757	%	< 15
Flammability:			
UK	BS 476 Part 7		Class 1 Y
USA	UL 94		V0

* Special lengths & Widths as per customer's request.