

Product Data Sheet

Product Code: 9703

SuperStuds (Foam)

DESCRIPTION	
Colour	Black or White
Density	200kgs/M3
Thickness	4mm
Width	16mm
Resistance to deformation under compression (DIN 53576/B)	
Crushing on initial thickness of 25%	69,7
Crushing on initial thickness of 40%	109,7
Crushing on initial thickness of 65%	301,0
Residual deformation after compression (DIN 53572)	
Room temperature, crushing after 50%, 72 hours	
Residual deformation after 30 hours	7,9
Residual deformation after 24 hours	1,1
Residual deformation after 4 hours	3,1
Dimensional stability after heat treatment	
4h at 60 °C (longitu.dir)	1,0
4h at 60 °C (transver.dir)	0,1
4h at -30 °C (longitu.dir)	0,6
4h at -30 °C (transver.dir)	0,6

TEST	UNITS	RESULT
COMPRESSION RESISTANCE (DIN 53577 – ISO 3386/1) -With 70% compression	Kpa	194
LOAD BREAKING POINT (DIN 53504) - Just like it is DIN 53504 - After 22 hours immersion - (ISO 1817) in:- - Oil - 25% NaCl - Alkali - 40% H ₂ SO ₄ – Conc. Acid - 40% NaOH – Conc. Alkali - Alcohol - Petrol	N/MM ²	0.85 0.72(-15%) 0.89 (+4.7%) 0.79 (-7%) 0.85(no variable) 0.65 (-2.4%) 0.53 (-38%)
MAXIMUM ELONGATION (DIN 53504) - just like it is After 22 hours immersion (ISO 1817) in:- - Oil - 25% Nacl - Alkali - 40% H ₂ SO ₄ – Conc. Acid - 40% NaOH – Conc. Alkali - Alcohol - Petrol	%	130 100 (-23%) 130(no variation) 140 (+7.7%) 130(no variation) 20 (-85%) 95 (-27%)

SuperStuds (Adhesive)

DESCRIPTION	
General – a solvent based acrylic adhesive that has a good adhesion to many surfaces, and especially labels, nameplates (engraved or screen printed). Good UV, ageing, high temperature and water resistance. Complies with FDA approval for indirect food contact as specified in the Code of Federal Regulations, Title 21, Section 175.105 -Adhesives	
Carrier	Carrier free transfer adhesive
Backing Paper	Honey/light brown Release coated, 92g/sq. M
Total thickness without backing	70 microns
Adhesion to steel (Afera 4001)	17.5N/25mm
Coat weight	75g /sq. M
Dynamic Sheer	TBA N/sq. 625mm
Temperature resistance	-40°C to +150°C continuous

***Important:**
All technical data is based on average values. By nature of its manufacture, all foam specifications can vary by 10%. Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the User assumes all risk and liability whatsoever in connection herewith.*