

TOTAL PLASTICS, INC.

TECHNICAL DATA SHEET

FOAMFLEX # 2542

Property	Specification	Test Method
Composition	Polyethylene	
Density (pcf)	1.8 – 2.2	ASTM D3575-W
25% / 50% CDF (psi)	5.0 / 14.0	ASTM D3575-D
Shore Hardness “OO” / “A”	51 / 7	ASTM D 2240
Compression Set @ 50% (%)	28.0	ASTM D3575-B
Tensile Strength (M/CM)* (psi)	60 / 39	ASTM D3575-T
Elongation (M/CM)* (%)	124 / 88	ASTM D3575-T
Tear Strength (M/CM)* (ppi)	6 / 11	ASTM D3575-G
Water Absorption (lb/ft ²)	0.04	ASTM D3575-L
Thermal Stability (%) 24 hrs @ 158 ^o F	(M) -2.0 / (CM) -1.0	
Thermal Conductivity K factor @ 70 ^o F	0.25	
Flammability	FMVSS302/ not SE	ASTM D1692
Buoyancy (pcf)	55.0 min	USCG 164.013

*(M/CM) = Machine direction / Cross Machine direction.

REV. 005

REV. DATE: 05/10/05

Total Plastics, Inc. cannot anticipate all conditions under which this information and our products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of the information or the safety and suitability of our products, either alone or in combination with other products. Unless otherwise agreed in writing, we sell the products without warranty and users are advised to make their own tests to determine the safety and suitability of each such product combination for their own purpose.



ADHESIVE TECHNICAL DATA SHEET

ADHESIVE # 7

Type:

Synthetic rubber based, pressure sensitive adhesive.

Applications & Features:

Speciality permanent adhesive with excellent adhesion to a variety of surfaces with a good balance of peel and tack.

This PSA is certified to the following automotive specifications; GM3602M, MS-AY522 Type 1, ESB-M3G76-B2 section 3.6. GM3622M Type IV,

Good adhesion to difficult substrates: Polyolefins (HDPE, LDPE, Polypropylene), Powder coated paints, and E-coated paints.

Temperature range: -30°C to + 70°C for high shear, and
-30°C to +120°C for low shear applications.

Typical Adhesion Properties:

<u>Properties</u>	<u>Results</u>	<u>Test Methods</u>
180° Peel Adhesion (lbs/in)	11	PSTC-3
Loop Tack (lbs/sq.in)	10	PSTC-16
Shear Adhesion (hrs) 8.8psi @ 72°F	34	PSTC-7

Shelf life:

Dry adhesive: 2 years, depending on storage conditions.

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