
AUBURN PRODUCT NEWS

Auburn Manufacturing Company

29 Stack Street

Middletown, CT 06457

Tel: 860-346-6677, Fax: 860-346-1334

website: www.auburn-mfg.com

email: info@auburn-mfg.com

N-8090 - Syntheseal® Gasket Material

Specification Data Sheet

F724900E49M6

Description

N-8090 has a latent cure nitrile butadiene rubber binder and reinforced cellulose fiber. It has excellent crush resistance, good sealing characteristics, and is intended for applications with short duration maximum temperatures up to 180°C (350°F). N-8090 has UL component recognition.

Property:	Specification:	Method:
Density , g/cc (lb/cu. ft.)	1.28 (80) (min.)	ASTM F 1315
Compressibility , % (at 34.5Mpa)	15-25	ASTM F 36
Recovery , %	35 (min.)	ASTM F 36
Tensile Strength , AMD,Mpa (psi)	13.79 (2000) (min.)	ASTM F 152
Fluid Resistance , IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	45 (max.)	
Change in Thickness, %	30 (max.)	
Change in Compressibility, %	50 (max.)	
Fluid Resistance , Fuel B		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	30 (max.)	
Binder Type	Nitrile Butadiene	

Remarks and related documents:

Specification Values determined by test methods required for ASTM F-104. Type 7 materials.

Ordering Information: N-8090 is available in thicknesses of .015", .020", .025", .031", .047" and .062", in rolls @ 40" wide continuous length or sheets @ 40" x 36". Anti-Stick coating is available and can be applied to one or both sides. **Auburn can die cut, stamp, slit-to-width, strip, sheet, or apply pressure sensitive adhesives to N-8090 in accordance with your exact specifications.**

GASKETS • PADS • SEALS • BUSHINGS • SPACERS
