



Synthseal®

D-8080, N-8092, N-8094
N-8090, S-8091

Synthseal® – for use up to 180Â°C (350°F)						ASTM F 36 Oil No. 3			ASTM F 36 Fuel B		Composition	
Products	Characteristics and Uses	Density g/cm ³ (45 lbs./cu.ft.) (min.)	ASTM F 36 Compressibility % @ 34.5 MPa (5000 psi)	Minimum Recovery %	ASTM F 152 Tensile Strength [MPa] psi	Tensile Loss Maximum %	Thickness Increase Maximum %	Compressibility % Maximum	Weight Increase Maximum %	Thickness Increase Maximum %	Fiber	Rubber Binder
D-8080	D-8080 is a non-asbestos formulated gasket material designed as a direct substitute for compressed asbestos and asbestos-containing beater addition products. It is designed for low-to-moderate flange pressures at temperatures above 180°C (350°F) and is suitable for dry heat applications, electrical fixtures, and other light duty appliances. It can also be used as a radiant heat shield in applications where some degree of insulation is needed.											
N-8092	Excellent crush resistance at high flange pressures. Nitrile binder. Recommended for sealing oil, fuels, and water up to 180°C (350°F).	1.20 (75)	15-30	35	11.0 [1600]	30	20	40	40	20	Reinforced Cellulose	Nitrile Butadiene
N-8094	An economical material exhibiting very good crush resistance at high flange pressures. Recommended for sealing oils, fuels, and water up to 180°C (350°F). Fully Cured nitrile binder.	0.87 (54)	28-42	20	8.6 [1250]	30	7	45	50	7	Reinforced Cellulose	Fully Cured Nitrile Butadiene
N-8090	A reinforced fiber and Latent Cured nitrile binder composition with outstanding sealing characteristics. Excellent oil resistance. For applications up to 180°C (350°F).	1.28 (80)	15-25	35	13.8 [2000]	45	30	50	30	20	Reinforced Cellulose	Latent Cure System Nitrile Butadiene
S-8091	Seals oils, fuels, and low-pressure steam. Controlled-Swell with latent cure styrene binder. For applications up to 180°C (350°F).	1.20 (75)	15-25	25	12.4 [1800]	-	30-75	-	-	25-50	Reinforced Cellulose	Latent Cure System Styrene Butadiene "Controlled-Swell"

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