



Thermo-Tork®

TN-9000, TN-9001, TN-9004

TN-9005, TN-9006, TN-9003

Thermo-Tork – for use up to 400°C (750°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
TN-9000	Fully Cured binder, highly compressed material with good tensile strength, low creep relaxation, excellent fuel and oil resistance. For high flange pressure applications up to 400°C (750°F).	1.44 (90)	7-17	50	17.2 (2000)	35	10	30	20	15	Aramid	Fully Cured Nitrile Butadiene
TN-9001	A heavy-duty, Latent Cure material with nitrile binder for heavy-duty applications at elevated temperatures up to 400°C (750°F). Excellent oil resistance.	1.28 (80)	15-30	40	13.8 (2000)	40	20	35	30	30	Aramid	Latent Cure System Nitrile Butadiene
TN-9004	Cost-effective heavy-duty compressed material with Fully Cured nitrile binder. Excellent fuel and oil resistance. Good tensile strength. For high flange pressure applications up to 350°C (650°F).	1.50 (95)	5-20	45	17.2 (2500)	45	15	25	20	15	Aramid	Fully Cured Nitrile Butadiene
TN-9005	Cost-effective heavy-duty material Latent Cure system with nitrile binder. Good conformity for irregular flange surfaces. For applications up to 350°C (650°F).	1.28 (80)	15-30	20	10.3 (1500)	50	20	50	40	20	Aramid	Latent Cure System Nitrile Butadiene
TN-9006	Cost-effective heavy-duty compressed material with Fully Cured styrene binder. Recommended for use in oil, water, or steam. Good tensile strength. For service in high flange pressure applications up to 350°C (650°F).	1.50 (95)	5-20	40	10.3 (1500)	-	20-60	-	-	15-40	Aramid	Fully Cured Styrene Butadiene
TN-9003	Controlled-Swell alternative to high-swell compressed asbestos materials. Latent cure styrene binder on heat-resisting thermally stable fibers offers good sealing characteristics at low flange pressures. Conforms well to irregular flange surfaces. For applications up to 350°C (650°F).	1.44 (90)	15-30	20	6.9 (1000)	-	45-85	-	-	20-50	Aramid	Latent Cure System Styrene Butadiene "Controlled Swell"

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