VELLUMOID GASKET MATERIALS

Products	Characteristics and Uses	Compressibility % @ 34.5 MPa (5000 psi)	Compressibility % @ 6.89 MPa (1000 psi)	Minimum Recovery %	Tensile Strength Minimum %	ASTM Oil No. 3		ASTM Fuel B		Distilled Water	
						Thickness Increase maximum %	Weight Increase maximum %	Thickness Increase maximum %	Weight Increase maximum %	Thickness Increase maximum %	Weight Increase maximum %
Branded Vellumoid	Treated cellulose fiber material impregnated with a protein glue and glycerin binder. General purpose gasket material. Service temperatures up to 250°F. UL listed.		25 - 40	40	2000	5	15	5	15	30	90
505 Fiber	Economical treated fiber material impregnated with a protein and glycerin binder. Service in moderate duty applications at temperatures up to 250° F.		25 - 40	40	2000	5	15	5	15	30	90
Velbuna WG-5	A nitrile rubber and cellulose fiber high density beater addition material. Highly resistant to oils, fuels,greases,water and coolants. WG-5 demonstrates maximum resistance to heat aging at service temperatures up to 300° F.		10 - 20	60	3000	10	35	15	35	45	45
Velbuna WG-25	A blended rubber and cellulose fiber medium density beater addition material. Demonstrates good resistance to oils, water coolants and salt solutions. at service temperatures up to 300° F.		15 - 30	40	1700	10	65	15	65	40	80
Velbuna WG-57-G	An economical low density cellulose and styrene butadiene rubber beater addition material. WG-57-G is a tough, versatile material intended for applications where a low cost beater addition type material is indicated at service temperatures up to 350° F.		15 - 35	35	1500	15	70	15	70	55	80
Vellutherm 600	A nonasbestos beater addition material designed to function as a high swell gasket material when exposed to petroleum oils and fuels. Vellutherm 600 is formulated with a special blend of elastomers to provide an optimum balance of properties at service temperatures up to 350° F.	15 - 30		22	800	10 - 25		10 - 40			
Vellutherm 611	A nonasbestos beater addition material consisting of a unique blend of fibers and other components with a cured nitrile rubber binder. Vellutherm 611 demonstrates high compressive strength and excellent dimensional stability under varying ambient humidities at service temperatures up to 350° F.	10 - 20		50	2000	10	30	15	30		
Vellutherm 650	A nonasbestos beater addition material consisting of blended fibers with a cured nitrile binder. Vellutherm 650 is an economical medium density material for use in general automotive and industrial applications at service temperatures up to 350° F.	30 max.		25	1200	10		15	35	40.0	60.0
Bucote	Bucote is a hard, highly densified fiber material with a nitrile rubber coating on both sides. Bucote is designed for use in rigid flange applications when spacing of component parts is critical.		3 - 10	50	3500						
Velcar B-10	Velcar is a treated fiber base material with a nitrile rubber coating on both sides. Velcar is highly resistant to oils, gasoline, diesel and heating fuels at temperatures up to 250° F.		25 - 40	40	1500	5	10	5	10	30	75
Nicote	Nicote is a specially designed material designed for difficult sealing applications. Nicote approaches the sealing qualities of rubber, but has true compressibility. Nicote is composed of a rubber treated cellulose fiber base with a nitrile rubber coating on both sides. It demonstrates excellent resistance to gasoline, fuel oils, water and a number of solvents at service temperatures up to 300° F.		25 - 40	40	1000	10	45	25	65	20	40