Competitor Alternatives

M SEALS
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Company	Material									
M Seals	MS-C	MS-E	MS-G	MS-Y	MS-X	MS-Foil	MS-Tang	MS-B	MS-F	MS-W
Klinger	C-4500	C-4324	Top Graph 2000	C-4400	C-4430	SLS	PSM	Top Chem 2003	Top Chem 2005	Top Chem 2006
Donit	BA-CF	BA-202 BA-203	BA-F Doniflex G	BA-U BA-50	BA-X BAM 6000 BA-GL	Grafilit SL	Grafilit SP	Doniflon 2010	Doniflon 2020	Doniflon 2030
Novus	Novus 10	Novus 45	Novus 49	Novus 30	Novus 34	Novus Fl	Novus Tl	Uniflon 50	Uniflon 51	Uniflon 53
Garlock	HTC 9800 HTC 9850		9900	3000	5500	Graph-Lock 3125SS	Graph-Lock 3125TC	Gylon 3504	Gylon 3500	Gylon 3510
Montero	CSA 120	CSA 45 / 320		CSA 420	CSA 90			Belpaflon PL9006 LC	Belpaflon PL9005 LC	Belpaflon PL9000 LC
Reinz		AFM 37 AFM 38		AFM 30	AFM 34					
Teadit	NA1100	NA1001 NA1002		NA1090	NA1005	GR 1520	GE 1520	TF 1570	TF 1590	TF 1580
Flexitallic	SF5000		SF5001	SF2400/ 2800	SF3300	RGS 4	RGS 3	Sigma 500	Sigma 511	Sigma 533
James Walker	Chieftan			Sentinel Inca	Centurion	Supagraf Laminated	Supagraf Tanged T10	Fluolion Integra Blue	Fluolion Integra White	
Beldam Crossley		Pilotseal 125		Pilotseal 178	Pilotseal 34		Pilotseal 2T	Pilotseal 570	Pilotseal 550	Pilotseal 590
Hecker	WS 3640	WS 3825		WS 3822	UDP 3620 / 3850	Grafotherm 3204	Grafotherm 3202			
Temac	Temacarb		Graftem	Temasil	Temaplus	Temagraph Fl	Temagraph Tl			
British Gaskets	NASB12	NASB3		NASB7Y	NASB9 / NASB8XG					

All of the above gasket grades are in accordance with BS7531-2006 rubber bonded fibre jointing for industrial and aerospace purposes specification.

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Material Codes

MS-C	Premium grade compressed sheet material based on carbon fibre with a high quality nitrile rubber binder. A universal grade especially suitable for high temperatures and pressures. Ideal for use under alkaline conditions and in steam applications. It also possesses excellent creep resistance and is suitable for use with oils, fuels and refrigerants.
MS-E	Manufactured from a selection of recycled synthetic fibres that are bound together with a high quality nitrile rubber binder. A general purpose material suitable for use with oils, solvents, gases, water, low pressure steam and most dilute acids and alkalis.
MS-G	Compressed sheet material which combines a high percentage of graphite, reinforced with aramid fibres and a small amount of rubber binder. A high performance material with excellent mechanical properties. It is suitable for many applications including oils, solvents, high pressure steam and gases including oxygen.
MS-Y	A compressed fibre sheet material, manufactured based on a blend of aramid and inorganic fibres with a nitrile rubber binder. A general purpose material suitable for use in wide range of applications, including hot and cold water, steam, oils, fuels, gases and a wide range of general chemicals.
MS-X	A superior performance universal compressed sheet material based on a blend of aramid/inorganic fibres and special additives, with high quality nitrile rubber binder. A superior performance material with excellent mechanical properties, it is suitable for many applications including oils, solvents, high pressure steam and gases including oxygen.
MS-Foil	A graphite laminate material with one or more thin, flat stainless steel 316 insertions. A pure exfoliated graphite with a 316 stainless steel foil reinforcement for improved handling characteristics. A General service material for high temperature applications including steam.
MS-Tang	A graphite laminate product reinforced with an insertion of tanged 0.10mm thick 316 stainless steel. Used throughout industry in pipeline and vessel applications. Its wide temperature range and excellent stress retention makes it ideal for steam systems and process duties in the petrochemical and manufacturing industries.
MS-B	A superior performance biaxially orientated PTFE sheet sealing material. Specifically designed for use in low bolt loaded irregular flanges. Typical flanges include glass lined, ceramic, plastic coated or uneven and badly distorted flanges. It is suitable for sealing all chemicals across the whole pH range with the exception of molten alkali metals.
MS-F	A superior performance biaxially orientated PTFE sheet material with a silica filler. A general purpose grade for sealing applications across the whole pH range. It is particularly suitable for use with strong acids (except hydrofluoric acid) and alkalis. Other applications include solvents, fuels, water, steam, and chlorine.
MS-W	A high performance biaxially orientated PTFE sheet material with a barium sulphate filler. A general purpose grade for sealing applications across the whole pH range. It is suitable for use with hydrofluoric acid, but not pure liquid hydrogen fluoride. It can also be used with alkalis, solvents, fuels, water, steam and chlorine.