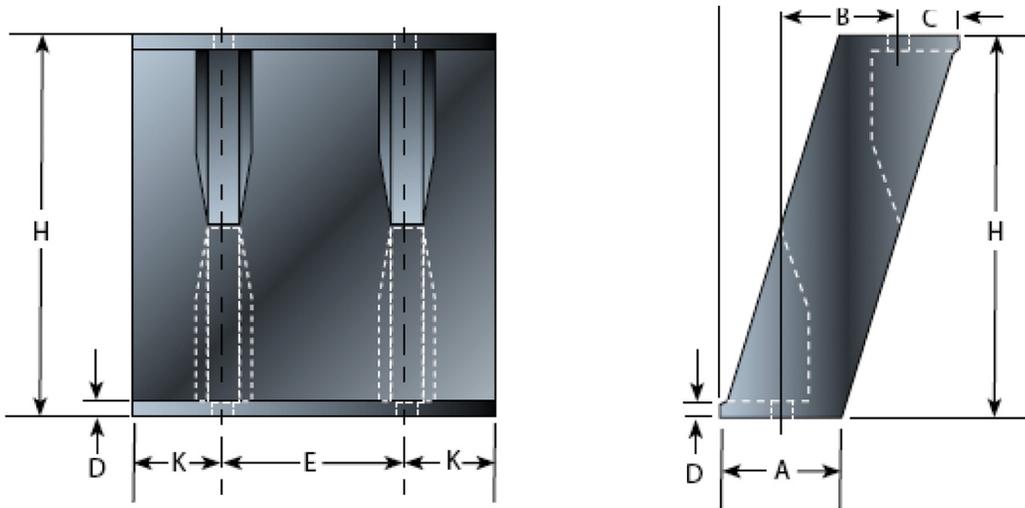


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major characteristics of Fendguard's element type fender include:

- Good energy absorption to reaction force ratio (E/R)
- High energy absorption per weight of rubber
- A narrower footprint than traditional leg fenders which allows for a multitude of configurations
- Can be fixed behind a panel or a pile and can be provided in varying lengths
- Vertically and horizontally mounted elements may be combined in one system



Model	H	A	B	C	W	D	K	E	Bolt Size
Metric	500	158	142	87	316	20	250	500	M30
Imperial	19.7	6.22	5.59	3.43	12.4	0.79	9.84	19.7	1-1/8

STANDARD RUBBER GRADE PERFORMANCE

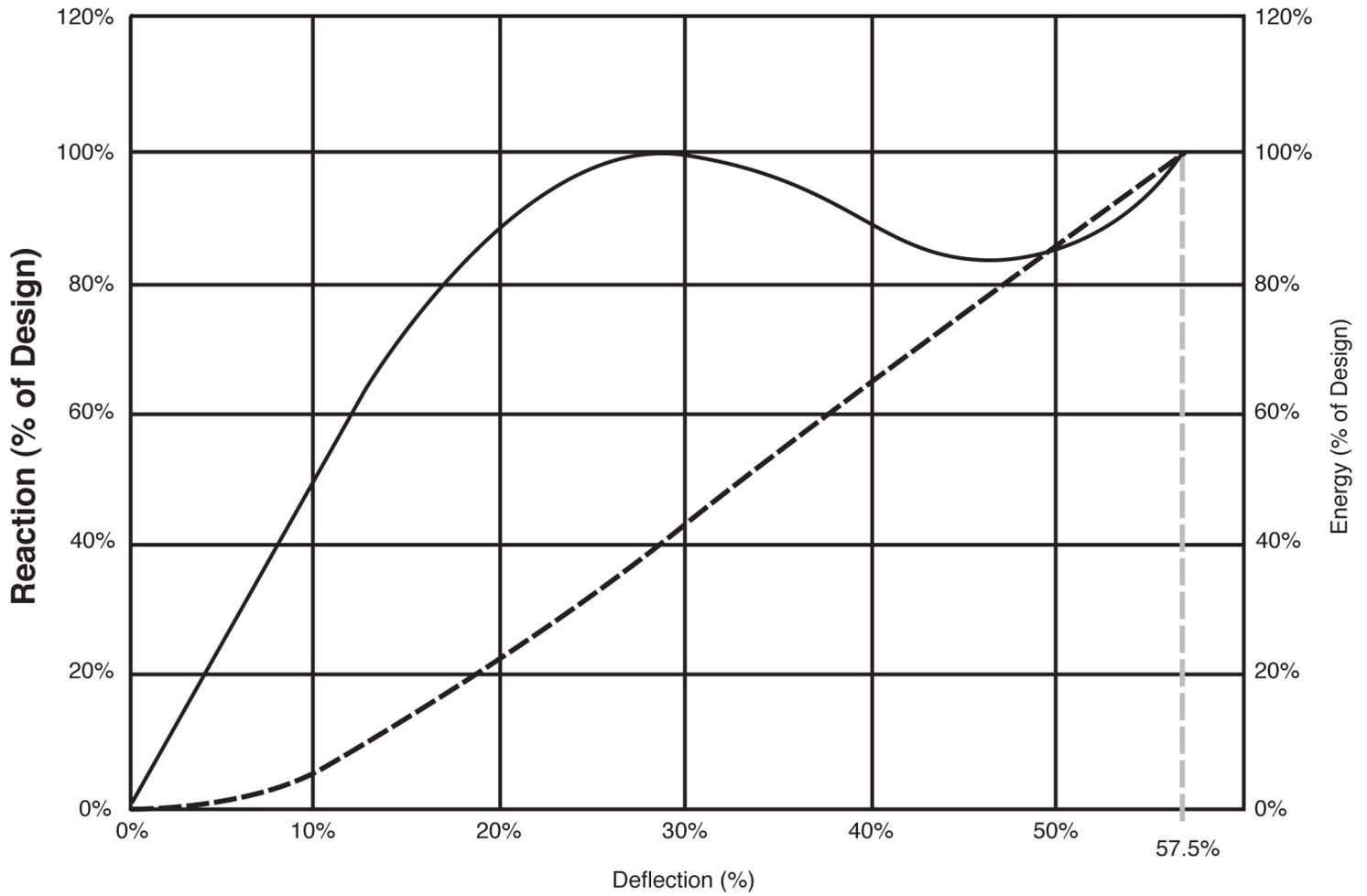
EM-FG-500	G4		G3		G2		G1	
	R (kN)	E (kN-m)						
Metric	267	61.3	227	52.1	187	43.0	147	33.9
Imperial	60.0	45.1	51.0	38.4	42.0	31.7	33.0	25.0

INTERMEDIATE RUBBER GRADES | Metric Units are in kN and kn-m Imperial units are in kips and ft-kips

Grade	Reaction/Energy	Metric	Imperial	Grade	Reaction/Energy	Metric	Imperial
G0.7	R	135	30.4	G2.4	R	203	50.3
	E	31.2	23.0		E	46.6	34.4
G0.8	R	139	31.3	G2.5	R	207	46.5
	E	32.1	23.6		E	47.6	35.0
G0.9	R	143	32.1	G2.6	R	47.4	47.4
	E	33.0	24.3		E	48.5	35.7
G1	R	147	33.0	G2.7	R	215	48.3
	E	33.9	25.0		E	49.4	36.4
G1.1	R	151	33.9	G2.8	R	219	49.2
	E	34.8	25.7		E	50.3	37.1
G1.2	R	155	34.8	G2.9	R	223	50.1
	E	35.7	26.3		E	51.2	37.7
G1.3	R	159	35.7	G3	R	227	51.0
	E	36.6	27.0		E	52.1	38.4
G1.4	R	163	36.6	G3.1	R	231	51.9
	E	37.5	27.7		E	53.0	39.1
G1.5	R	167	37.5	G3.2	R	235	52.8
	E	38.5	28.3		E	53.9	39.8
G1.6	R	171	38.4	G3.3	R	239	53.7
	E	39.4	29.0		E	54.9	40.4
G1.7	R	175	39.3	G3.4	R	243	54.6
	E	40.3	29.7		E	55.8	41.1
G1.8	R	179	40.2	G3.5	R	247	55.5
	E	41.2	30.3		E	56.7	41.8
G1.9	R	183	41.0	G3.6	R	251	56.4
	E	42.1	31.0		E	57.6	42.5
G2	R	187	42.0	G3.7	R	255	57.3
	E	43.0	31.7		E	58.5	43.1
G2.1	R	191	42.9	G3.8	R	259	58.2
	E	43.9	32.4		E	59.5	43.8
G2.2	R	195	43.8	G3.9	R	263	59.1
	E	44.8	33.0		E	60.4	44.5
G2.3	R	199	44.7	G4	R	267	60.0
	E	45.7	33.7		E	61.3	45.2

GENERALIZED PERFORMANCE CURVE-ELEMENT FENDER

— Reaction — Energy



www.fendguard.com

Toll Free: 1-888-219-0418
Tel: (604) 273-4557

Fax: 1-888-845-9522 / (604) 273-1006
E-mail: sales@fendguard.com