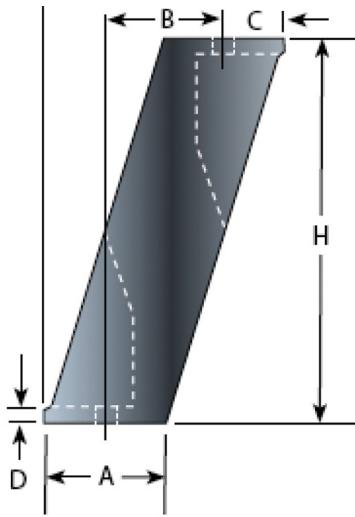
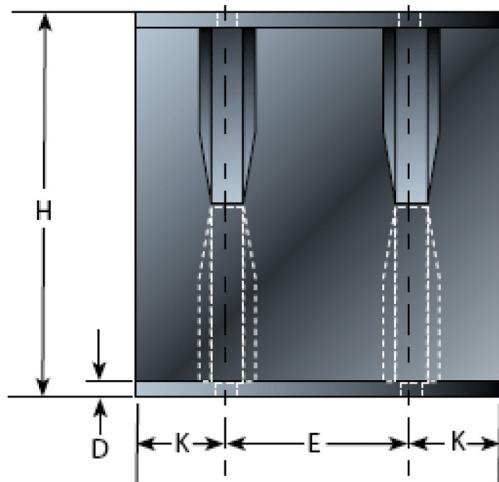


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major 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	1000	322	310	162	634	31	250	500	M42
Imperial	39.4	12.7	12.2	6.38	25.0	1.22	9.84	19.7	1-3/4

STANDARD RUBBER GRADE PERFORMANCE

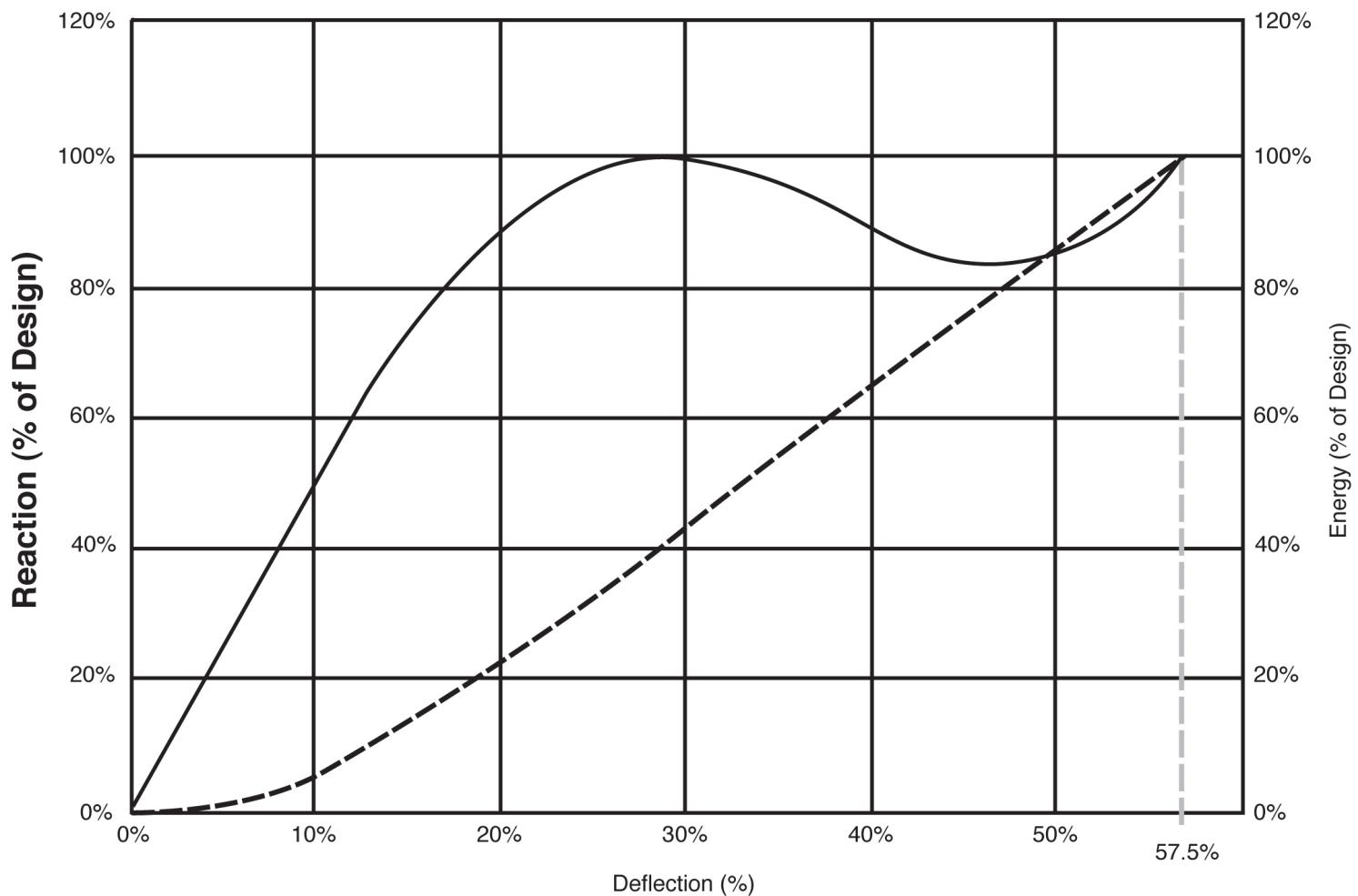
EM-FG-1000	G4		G3		G2		G1	
	R (kN)	E (kN-m)						
Metric	534	245	454	209	374	172	294	136
Imperial	120	181	102	154	84.1	127	66.1	99.9

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	270	60.7	G2.4	R	406	91.3
	E	125	92.3		E	187	138
G0.8	R	278	62.5	G2.5	R	414	93.1
	E	129	94.9		E	191	140
G0.9	R	286	64.3	G2.6	R	94.9	94.9
	E	132	97.6		E	194	143
G1	R	294	66.1	G2.7	R	430	96.7
	E	136	100		E	198	146
G1.1	R	302	67.9	G2.8	R	438	98.5
	E	140	103		E	202	149
G1.2	R	310	69.7	G2.9	R	446	100
	E	143	106		E	205	151
G1.3	R	318	71.5	G3	R	454	102
	E	147	108		E	209	154
G1.4	R	326	73.3	G3.1	R	462	104
	E	150	111		E	213	157
G1.5	R	234	75.1	G3.2	R	470	106
	E	154	113		E	216	159
G1.6	R	342	76.9	G3.3	R	478	107
	E	158	116		E	220	162
G1.7	R	350	78.7	G3.4	R	486	109
	E	161	119		E	223	165
G1.8	R	358	80.5	G3.5	R	494	111
	E	165	121		E	227	167
G1.9	R	366	82.3	G3.6	R	502	113
	E	168	124		E	231	170
G2	R	374	84.1	G3.7	R	510	115
	E	172	127		E	234	173
G2.1	R	382	85.9	G3.8	R	518	116
	E	176	129		E	238	175
G2.2	R	390	87.7	G3.9	R	526	118
	E	179	132		E	241	178
G2.3	R	398	89.5	G4	R	534	120
	E	183	135		E	245	181

GENERALIZED PERFORMANCE CURVE-ELEMENT FENDER

— Reaction - - - Energy



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