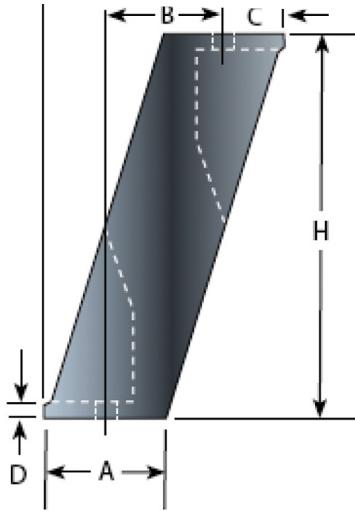
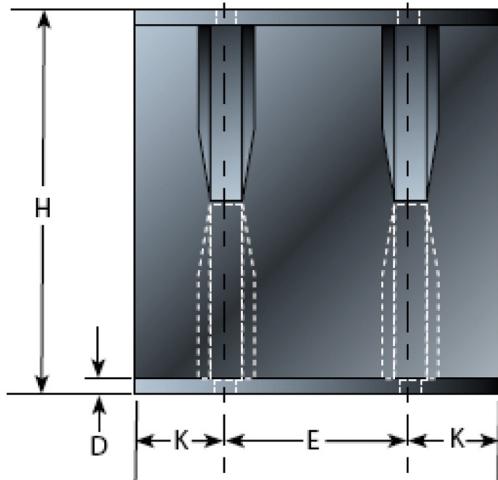


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major 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	1250	401	388	202	792	36	250	500	M48
Imperial	49.2	15.8	15.3	7.95	31.2	1.42	9.84	19.7	2

STANDARD RUBBER GRADE PERFORMANCE

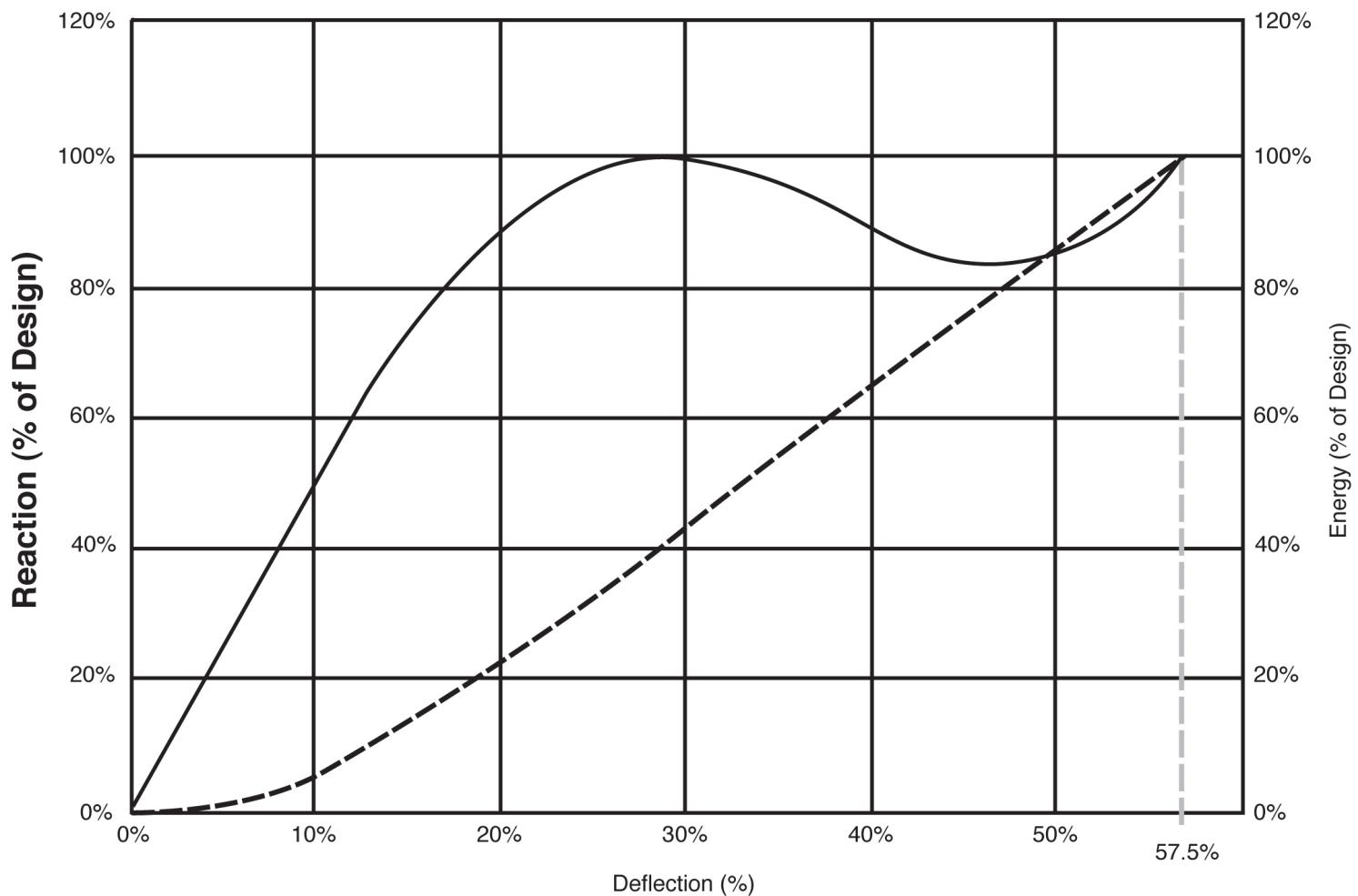
EM-FG-1250	G4		G3		G2		G1	
	R (kN)	E (kN-m)						
Metric	668	383	568	326	468	269	368	212
Imperial	150	282	128	240	105	198	82.6	156

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	338	76.0	G2.4	R	508	114
	E	195	144		E	292	215
G0.8	R	348	78.2	G2.5	R	518	116
	E	201	148		E	298	219
G0.9	R	358	80.5	G2.6	R	119	119
	E	206	152		E	303	223
G1	R	368	82.7	G2.7	R	538	121
	E	212	156		E	309	228
G1.1	R	378	85.0	G2.8	R	548	123
	E	218	160		E	315	232
G1.2	R	388	87.2	G2.9	R	558	125
	E	223	165		E	320	236
G1.3	R	398	89.5	G3	R	568	128
	E	229	169		E	326	240
G1.4	R	408	91.7	G3.1	R	578	130
	E	235	173		E	332	244
G1.5	R	418	94.0	G3.2	R	588	132
	E	241	117		E	337	249
G1.6	R	428	96.2	G3.3	R	598	134
	E	246	181		E	343	253
G1.7	R	438	98.5	G3.4	R	608	137
	E	252	186		E	349	257
G1.8	R	448	01	G3.5	R	618	139
	E	258	190		E	355	261
G1.9	R	458	103	G3.6	R	628	141
	E	263	194		E	360	265
G2	R	468	105	G3.7	R	638	143
	E	268	198		E	366	270
G2.1	R	478	107	G3.8	R	648	146
	E	275	202		E	372	274
G2.2	R	488	110	G3.9	R	658	148
	E	280	207		E	377	278
G2.3	R	498	112	G4	R	668	150
	E	286	211		E	383	282

GENERALIZED PERFORMANCE CURVE-ELEMENT FENDER

— Reaction - - - Energy



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