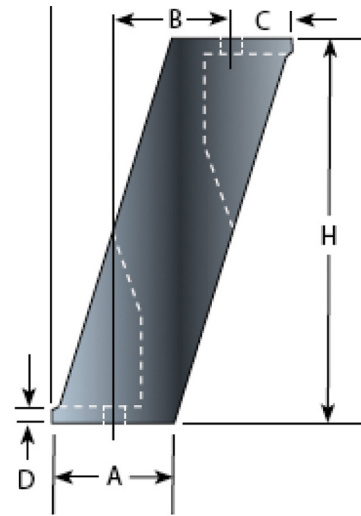
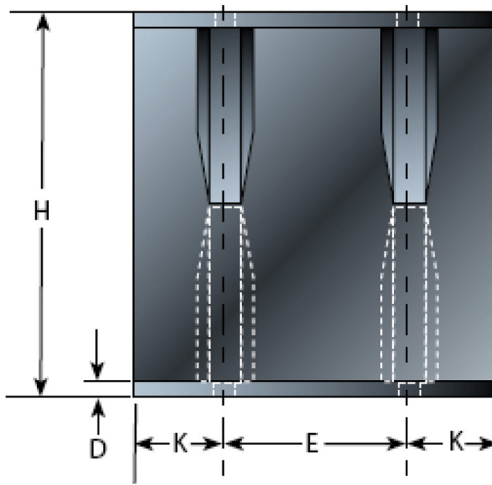


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major 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	1450	454	454	228	910	41	250	500	M48
Imperial	57.1	17.9	17.9	8.98	35.8	1.61	9.84	19.7	2

STANDARD RUBBER GRADE PERFORMANCE

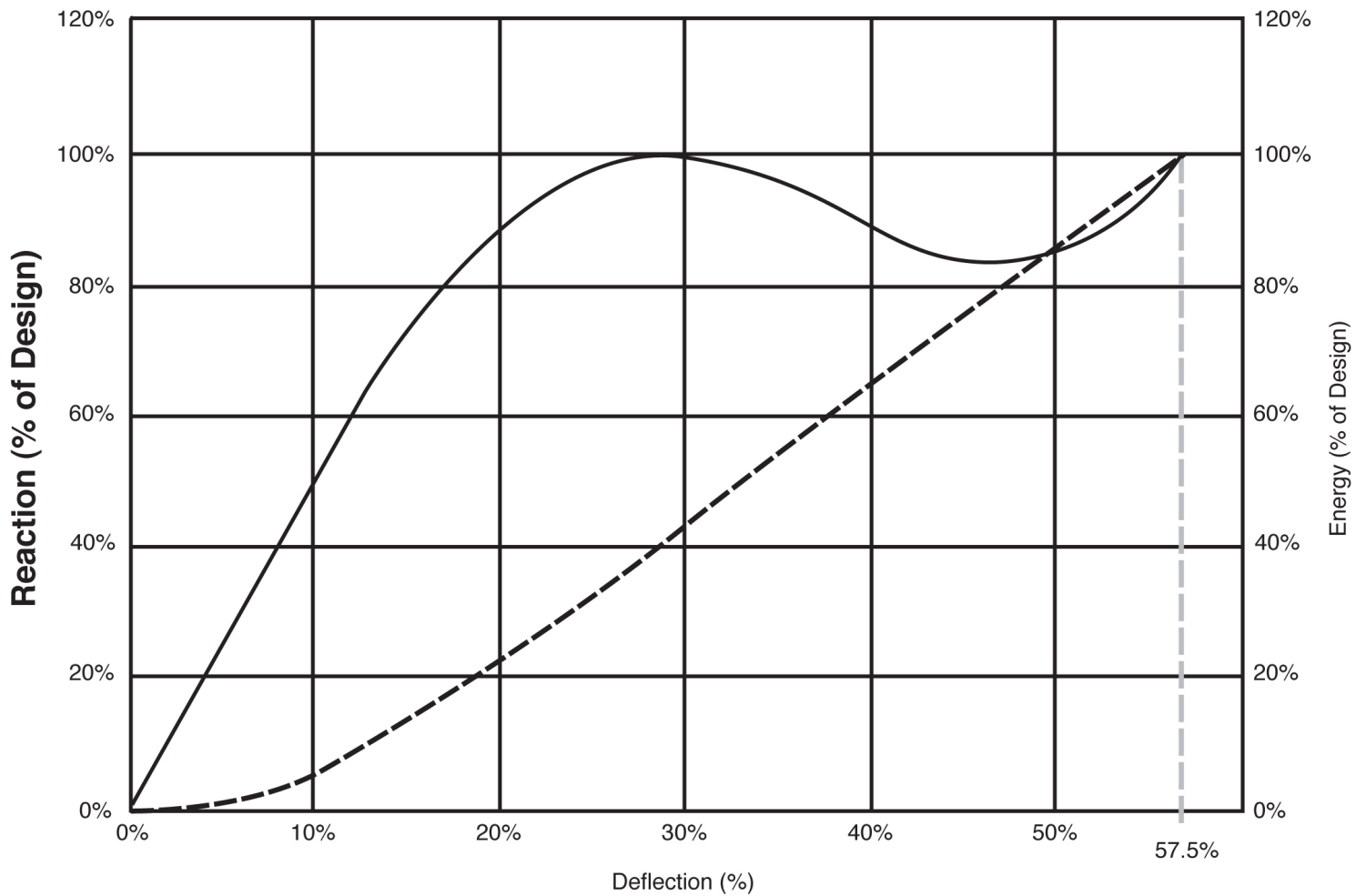
EM-FG-1450	G4		G3		G2		G1	
	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)
Metric	774	515	658	438	542	362	426	285
Imperial	174	380	148	323	122	267	95.8	210

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	391	87.9	G2.4	R	588	132
	E	262	193		E	392	289
G0.8	R	403	90.6	G2.5	R	600	13
	E	270	199		E	400	295
G0.9	R	414	93.2	G2.6	R	138	138
	E	277	204		E	408	300
G1	R	426	95.8	G2.7	R	623	140
	E	285	210		E	415	306
G1.1	R	438	98.4	G2.8	R	635	143
	E	293	216		E	423	312
G1.2	R	449	101	G2.9	R	646	145
	E	300	221		E	430	317
G1.3	R	461	104	G3	R	658	148
	E	308	227		E	438	323
G1.4	R	472	106	G3.1	R	670	151
	E	316	233		E	446	328
G1.5	R	484	109	G3.2	R	681	153
	E	324	238		E	453	334
G1.6	R	496	111	G3.3	R	693	156
	E	331	244		E	461	340
G1.7	R	507	114	G3.4	R	704	158
	E	339	250		E	469	346
G1.8	R	519	117	G3.5	R	716	161
	E	347	255		E	477	351
G1.9	R	530	119	G3.6	R	728	164
	E	354	261		E	484	357
G2	R	542	122	G3.7	R	739	166
	E	362	267		E	492	363
G2.1	R	554	124	G3.8	R	751	169
	E	370	272		E	500	368
G2.2	R	565	127	G3.9	R	762	171
	E	377	278		E	507	374
G2.3	R	577	130	G4	R	774	174
	E	385	284		E	515	380

GENERALIZED PERFORMANCE CURVE-ELEMENT FENDER

— Reaction - - - Energy



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