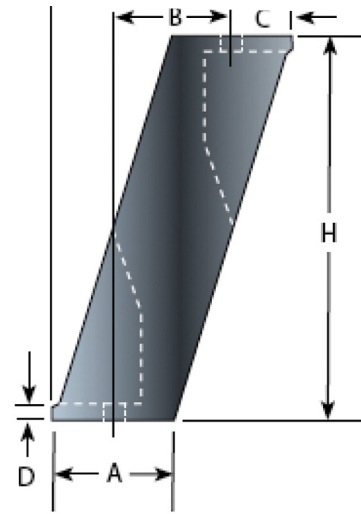
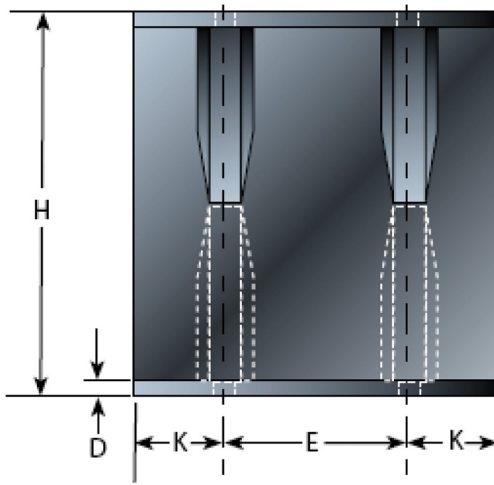


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major 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	1600	500	480	257	994	50	250	500	M56
Imperial	63.0	19.7	18.9	10.1	39.1	1.97	9.84	19.7	2-1/4

STANDARD RUBBER GRADE PERFORMANCE

EM-FG-1600	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	854	627	726	534	598	440	470	347
Imperial	192	462	163	393	135	325	106	256

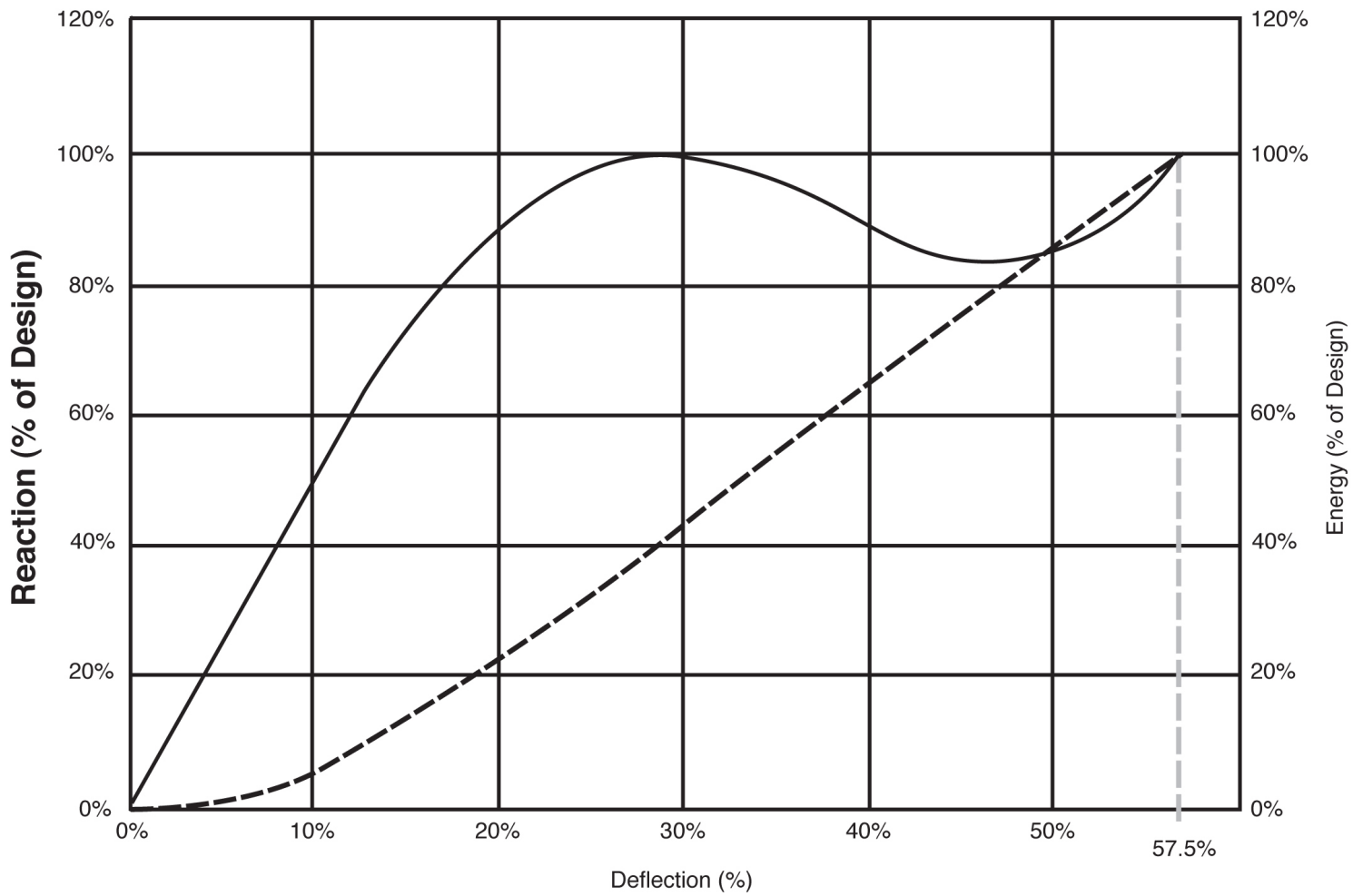
INTERMEDIATE RUBBER GRADES

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	432	97.0	G2.4	R	649	146
	E	319	235		E	478	352
G0.8	R	444	99.9	G2.5	R	662	149
	E	328	242		E	487	359
G0.9	R	457	103	G2.6	R	152	152
	E	338	249		E	496	366
G1	R	470	106	G2.7	R	688	155
	E	347	256		E	506	373
G1.1	R	483	109	G2.8	R	700	157
	E	356	263		E	515	380
G1.2	R	496	111	G2.9	R	713	160
	E	366	269		E	525	387
G1.3	R	508	114	G3	R	726	163
	E	375	276		E	534	394
G1.4	R	521	117	G3.1	R	739	166
	E	384	283		E	543	400
G1.5	R	534	120	G3.2	R	752	169
	E	394	290		E	553	407
G1.6	R	547	123	G3.3	R	764	172
	E	403	297		E	562	414
G1.7	R	560	126	G3.4	R	777	175
	E	412	304		E	571	421
G1.8	R	572	129	G3.5	R	790	178
	E	421	311		E	581	428
G1.9	R	585	132	G3.6	R	803	180
	E	431	317		E	590	435
G2	R	598	134	G3.7	R	816	183
	E	440	324		E	599	442
G2.1	R	611	137	G3.8	R	828	186
	E	449	331		E	608	448
G2.2	R	624	140	G3.9	R	841	189
	E	459	338		E	618	455
G2.3	R	636	143	G4	R	854	192
	E	468	345		E	627	462

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