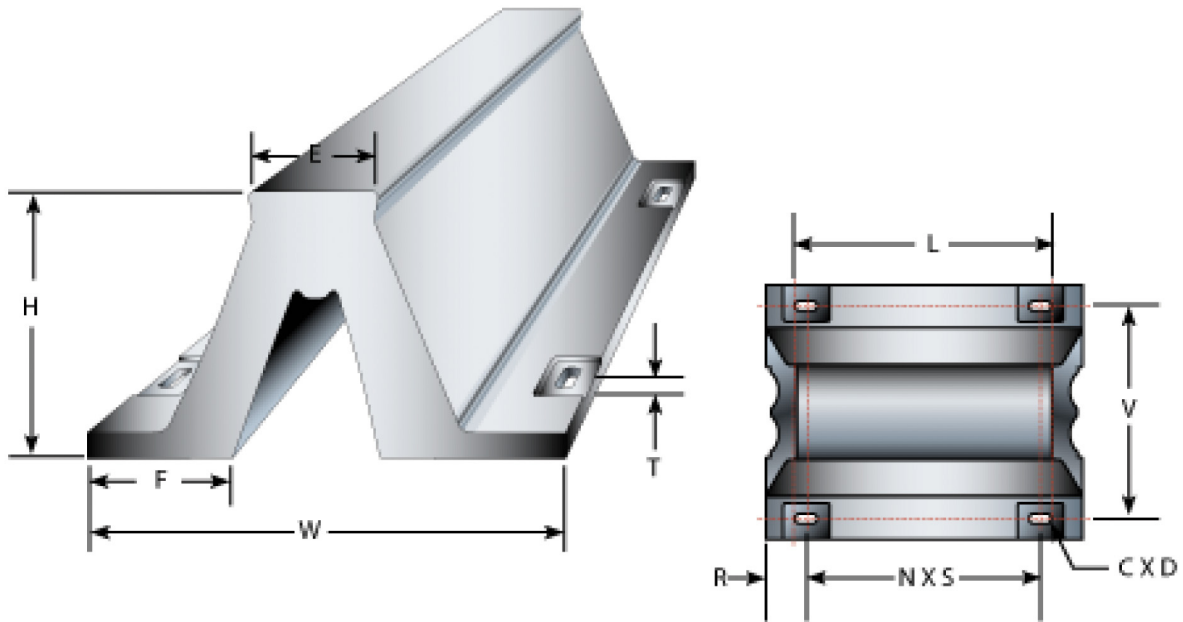


Arch fenders were introduced to improve upon the performance of cylindrical fenders. Arch fenders have a better Energy / Reaction force ratio and are recommended for all types of applications. Fendguard's arch type fender has been optimized for increased energy absorption compared to traditional arch fenders on the market. The major characteristics include:

- Very robust, durable and require low maintenance
- Provide high shear resistance in the longitudinal direction
- Very easy to install both vertically and horizontally
- Particularly useful for vessels with high allowable hull pressures and for locations where mounting space is limited
- Most suitable for Multi-Purpose-Terminals
- Can be supplied with bolted or bonded UHMW facings



Model	H	W	V	E	F	T	C x D	Bolt Size
Metric	1000	2000	1680	750	650	60	68 x 136	M64
Imperial	39.4	78.8	66.1	29.5	25.6	2.36	2.68 x 5.35	M64

DIMENSIONS

AC-FG 1000	1m / 3.28ft		1.5m / 4.29ft		2m / 6.56ft		2.5m / 8.2ft		3m / 9.84ft		3.5m / 11.48ft	
	R	N x S	R	N x S	R	N x S	R	N x S	R	N x S	R	N x S
Metric	200	1 x 1100	200	2 x 800	200	3 x 700						
Imperial	7.87	1 x 43.3	7.87	2 x 31.5	7.87	3 x 27.6						

STANDARD RUBBER GRADE PERFORMANCE

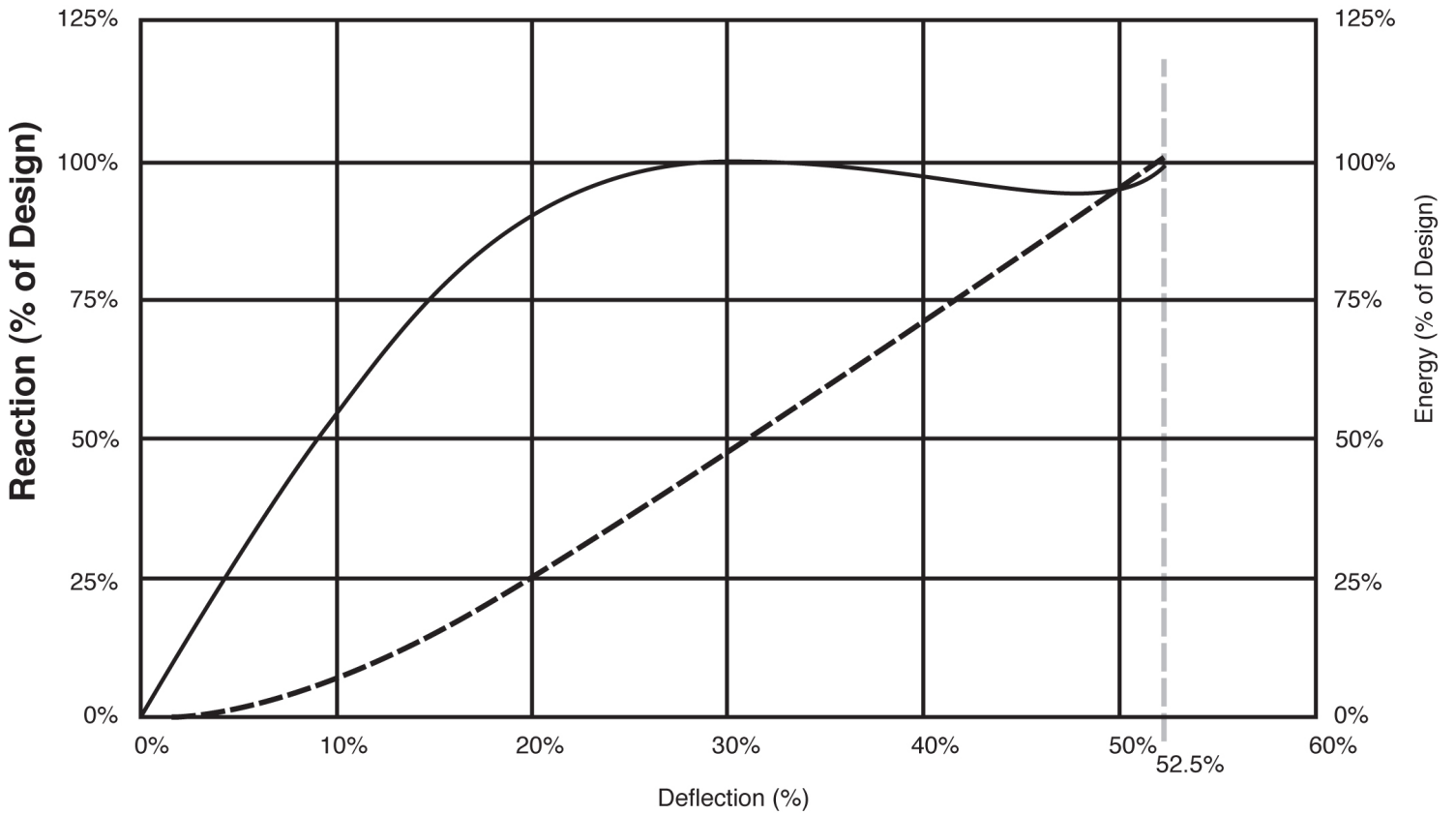
AC-FG-1000	G4		G3		G2		G1	
	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)
Metric	1058	445	813	342	675	283	578	243
Imperial	238	328	183	252	152	209	130	179

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
G1.1	R	588	132	G2.6	R	170	170
	E	247	182		E	318	235
G1.2	R	597	134	G2.7	R	772	173
	E	251	185		E	324	239
G1.3	R	607	136	G2.8	R	785	177
	E	255	188		E	330	243
G1.4	R	617	139	G2.9	R	799	180
	E	259	191		E	336	248
G1.5	R	627	141	G3	R	813	183
	E	263	194		E	342	252
G1.6	R	636	143	G3.1	R	836	188
	E	267	197		E	352	260
G1.7	R	646	145	G3.2	R	862	194
	E	267	200		E	363	267
G1.8	R	646	147	G3.3	R	887	199
	E	271	203		E	373	275
G1.9	R	665	150	G3.4	R	911	205
	E	279	206		E	383	262
G2	R	675	152	G3.5	R	936	210
	E	283	209		E	394	290
G2.1	R	689	155	G3.6	R	960	216
	E	289	213		E	404	298
G2.2	R	703	158	G3.7	R	985	221
	E	295	217		E	414	305
G2.3	R	716	161	G3.8	R	1009	227
	E	301	222		E	424	313
G2.4	R	730	164	G3.9	R	1034	232
	E	307	226		E	435	320
G2.5	R	744	167	G4	R	1058	238
	E	313	230		E	445	328

GENERALIZED PERFORMANCE CURVE-ARCH FENDER

— Reaction - - - Energy



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