House of Quality (HoQ)

Customer Requirement	Weight	Engineering Requirement	% Elongation	Friction	Clarity	Size	Contaminant	Cost	Hardness
Portability	7		-	-	-	6	3	-	-
Reliability	9		6	6	6	-	6	-	3
Durability	7		9	6	-	3	6	-	6
Visibility	10		-	-	9	-	-	-	-
Accuracy	5		6	9	9	3	6	3	3
Geometricly Realistic	10		-	6	3	9	-	6	-
Reproduction	8		6	-	-	3	-	9	3
Units			**% Elongation**	**N**	**% clearity**	**in^3**	**%contamination free**	**$**	**shore**
Absolute Technical Importance (ATI)			161	174	216	183	147	141	108
Relative Technical Importance (RTI)			4	3	1	2	5	6	7
Target ER values			150%	0.24N	99%	3-4 inches	99%	$2,000	35A
Tolerances of Ers			±10%	±0.5	±20%	±0.5inches	±25%	±$200	±5

Importance	Rating
9	Excellent
6	Immediate
3	Poor

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Awaiting Client Approval