



**Standard Material Specifications and Descriptions**  
**ALLENTECH Aluminum/Stainless Steel Hybrid IFR**  
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<b>Item</b>	<b>Description</b>	<b>Alloy</b>
<b>Pontoons</b>		
Structural Pontoons	12" diameter x 18 gauge wall tube	SS304
Auxiliary Pontoons	12" diameter x 18 gauge wall tube	SS304
End Caps, Brackets & Gussets	Formed sheet – 14 gauge	SS304
Test Port	1/8" coupling & plug	SS18-8
<b>Structure &amp; Sheeting</b>		
Perimeter	Formed sheet – 16 gauge	SS304
Beam & Pontoon Clips	Formed sheet – 14 gauge	SS304
Perimeter Splice Plates	Formed sheet – 16 gauge	SS304
Beams & Clamps	Custom extrusion	AL6061
Framing	Custom extrusion	AL6061
Surface Sheeting	72" wide x .020" thick	AL3003
<b>Supports</b>		
Support Legs	2" diameter x 16 gauge wall tubing	SS304
Leg Sleeves	2" sch 10 pipe and 12 gauge formed sheet	SS304
<b>Wells &amp; Appurtenances</b>		
Sheet for Miscellaneous Wells & Appurtenances	Formed sheet – 16 gauge	SS304
Gasket for Miscellaneous Wells & Appurtenances	Nitrile Rubber (NBR)	
<b>Mechanical Shoe Seal</b>		
Shoe	Formed sheet – 18 gauge	SS304
Springs	Formed spring-tempered strip – 0.030" thick	SS301
Gaskets	Volara, EPDM or as required	
Vapor Barrier	12 mil laminated	Teflon
Support Brackets, Arms & Braces	Formed sheet – 16 gauge	SS304
Seal Clamps & Fabric Clamps	Custom extrusion	AL6061
<b>Wiper Seals</b>		
Wiper Seal	12" wide closed cell wiper	Urethane
Secondary Seal Riser	6" high or 9" high extruded shape	6" - AL6063 9" - AL6061
Seal Clamps	Custom extrusion	AL6061
<b>Fasteners</b>		
Bolts & nuts	1/4", 5/16" 3/8" and 1/2"	SS18-8
Screws	#14 self-drilling	SS410
Screws	#17 sheet metal screw	SS18-8

The above are standard material specifications and may be changed to meet project specifications and/or material compatibility. All thicknesses are nominal. Subject to change without notification.