

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)									
Manufacturer		Work		Nationality	Date	Page No..							
Company Name: Signicast LLC		1) 9000 North 55 th Street Milwaukee, WI 53223		USA	6/27/2018	1	TÜV Rheinland Industrie Service						
Location: 1800 Innovation Way, Hartford, WI 53027, USA		2) 1800 Innovation Way, Hartford, WI			Rev.:3	of : 1	GmbH						
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations	Remarks		
					Thick- ness mm		Ø mm						
					from	Up to	from	Up to					
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)													
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.													
1	CF3	ASTM A 351	+AT	All - Investment Castings	1	150	--	--	2	90	ASTM/ASME	a	
2	CF3M	ASTM A 351	+AT		2	90							
3	CF8	ASTM A 351	+AT		2	90							
4	CF8M	ASTM A 351	+AT		2	90							
5	CW2M	ASTM A 494	+AT		2	90							
6	LCC	ASTM A 352	+QT, +NT		2	90							
7	WCB	ASTM A 216	+QT, +NT		2	90							
8	M35-1	ASTM A 494	U		2	90							
Results													
+AT = solution annealed			+NT = normalized and tempered			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary							
+AR = as rolled			+QT = quenched and tempered										
+M = thermo mechanical treated			+S = soft annealed										
+N = normalized or normalizing formed			+SR = stress relieved										
U = Not Treated													

