

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)
Manufacturer		Work	Nationality	TÜV-Name /Stamp
Company Name: ODLEWNIA ZELIWA „J. Terlecki” Sp. z o.o. Sp. K.			PL	TÜV Rheinland Industrie Service
Location: 42-125 Kamyk, Gruszewnia ul. Klobucka 63			Date: 07.04.17	Page No.: 1
Cur No.	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product
1	2	3	4	5
		Thickness mm	Dimensions	Weight max
		From Up to	From Up to	1-t / 2=kg
		6a 6b	7a 7b	Result
				8a 8b
				9
				10

1. Materials according to harmonized European standards (PED) and European Approval for Materials


The use of the materials according to PED 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	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
1	EN-GJS400.15	EN 1563	+S	Castings								
2	EN-GJS500.7	EN 1563	+S	Castings								
3	EN-GJS600.3	EN 1563	+S	Castings								

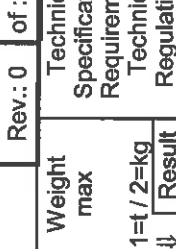
* +AT = solution treated
 +N = Normalized or normalizing formed
 +SR = stress relieved
 +M = thermo mechanical treated
 +AR = not treated

+QT = quenched and tempered
 +NT = normalized and tempered
 +S = soft annealed

a = material
 b = delivery condition
 c = article
 d = dimensions in tech. regulations
 e = weight
 f = No. of tech. regulation
 g = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3 <input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0 <input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)								
Manufacturer		Work		TÜV-Name /Stamp								
Company Name: ODLEWNIA ZELIWA „J. Terlecki” Sp. z o.o. Sp. K.		-		TÜV Rheinland Industrie Service GmbH								
Location: 42-125 Kamyk, Gruszewnia ul. Klobucka 63												
Cur No.	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions		Weight max	Technical Specifications Requirements Technical Regulations	Remarks			
					Thickness mm	Ø mm				1-t / 2=kg		
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
2. Materials according to the AD 2000-Code The use of the materials according to PED 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.	EN-GJL150, EN-GJL200, EN-GJL250	EN 1561	+S	Castings							AD2000-W3/1	
2.	EN-GJS400.15, EN-GJS500.7, EN-GJS600.7	EN 1563	+S	Castings							AD2000-W3/2	
Erläuterung		* +AT = solution treated +N = Normalized or normalizing formed +SR = stress relieved +M = thermo mechanical treated +AR = not treated		+QT = quenched and tempered +NT = normalized and tempered +S = soft annealed		a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation g = PMA for the use in pressure equipment in Directive 2014/68/EU necessary						

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)			
Manufacturer			Work					
Company Name: ODLEWNIA ZELIWA „J.Terlecki” Sp. z o.o. Sp. K.		Nationality: PL		Date: 07.04.17	Page No.: 3			
Location: 42-125 Kamyk, Gruszewnia ul. Klobucka 63		Rev.: 0		TÜV-Name / Stamp: TÜV Rheinland Industrie Service				
Cur No.	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions Thickness mm	Weight max	Technical Specifications Requirements	Remarks
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 PED 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.

No.	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions Thickness mm	Weight max	Technical Specifications Requirements	Remarks
					From Up to	From Up to	Technical Regulations	
1.	EN-GJL150, EN-GJL200, EN-GJL250	EN 1561	+S	Castings	1,4 25,0			9
2.	EN-GJL150, EN-GJL200, EN-GJL250	EN 12513	+S	Castings	1,4 25,0			9
3.	EN-GJS400.15, EN-GJS500.7, EN-GJS600.3	EN 16124	+S	Castings	1,4 25,0			9

Erläuterung	* +AT = solution treated +N = Normalized or normalizing formed +SR = stress relieved +M = thermo mechanical treated +AR = not treated	+QT = quenched and tempered +NT = normalized and tempered +S = soft annealed	a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation g = PMA fort he use in pressure equipment in Directive 2014/68/EU necessary
--------------------	---	--	--