

Scope according to:		<input checked="" type="checkbox"/> Directive 2014/68/EU, Annex I, point 4.3				<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0						
Manufacturer			Work			Country		Date	Page no.	TÜV Rheinland Polska Sp. z o.o.		
Company name: Seminox Pipes And Tubes Private Limited Location: 1219/1220, Prasad Chambers, Opera House, Mumbai 400004, Maharashtra, India			Plot No. 1 of Gut No.2 & Plot No. 3 of Gut No. 2, Khupari, Wada, Thane 421312			India		16.02.2026	1 of 5			
								Rev.: 0				
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm		Ø mm		1=t 2=kg ↓	result		
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU

The use of the materials according to Directive 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	1.4539,1.4462,1.4410,1.4501	EN 10216-5	AT	Tubes & Pipes	0.5	12.5	6.0	273.1					
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Remarks: +AT = solution annealed +N = normalized or normalizing formed +S = soft annealed
 +AR = as rolled +NT = normalized and tempered +SR = stress relieved
 +M = thermomechanical treated +QT = quenched and tempered A = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

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Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm		Ø mm		1=t 2=kg ↓	result		
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

2. Materials according to the AD 2000 Code

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2	1.4301,1.4404,1.4307,1.4401 1.4541,1.4571,1.4306	EN 10216-5	AT	Tubes & Pipes	0.5	12.5	6.0	273.1			AD 2000 W2 AD 2000 W10	

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								Rev.: 0				
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm	∅ mm			1=t 2=kg ↓	result		
					from	up to	from	up to	8a	8b	9	10
1	2	3	4	5	6a	6b	7a	7b				

3. Materials according to international standards (e.g. ASTM, ASME, IBR, etc.)

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3	TP 304,TP304L,TP316,TP316H TP316L,TP316Ti,TP321, TP347,TP347H,TP310H/S UNS S31050, UNS S31254	ASTM A 312	AT	Pipes	0.5	12.5	6.0	273.1				PMA for the use in pressure equipment in Directive 2014/68/EU necessary
4	TP304,TP304L,TP304H, TP316Ti, TP316,TP316L,TP321,TP904L,TP347 TP317,TP317L, TP310H/S,TP 347H TP 310MoLn, UNS S31254	ASTM A 213	AT	Tubes	0.5	7.0	6.0	101.6				
5	TP304,TP304L,TP304H, TP316Ti, TP316,TP316L,TP321,TP904L,TP347 TP317,TP317L, TP310H/S,TP 347H TP 310MoLn, UNS S31254	ASTM A 269	AT	Tubes	0.5	7.0	6.0	101.6				

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6	UNS S31803, UNS S32205, UNS S32760, UNS S32750	ASTM A789	AT	Tubes	0.5	7.0	6.0	101.6				PMA for the use in pressure equipment in Directive 2014/68/EU necessary 
7	UNS S31803, UNS S32205, UNS S32760, UNS S32750	ASTM A790	AT	Pipes	0.5	12.5	6.0	273.1				
8	N06625	ASTM B444	AT	Tubes & Pipes	1.2	12.6	6.0	168.3				
9	TP 405, TP 410	ASTM A 268	AT	Tubes	0.5	7.0	6.0	101.6				
10	N06022 ,N10276	ASTM B 622	AT	Tubes & Pipes	1.2	12.6	6.0	168.3				
11	N06600, N06601, N06025	ASTM B 167	AT	Tubes & Pipes	1.2	12.6	6.0	168.3				
12	N08020, N08026, N08024	ASTM B 729	AT	Tubes & Pipes	1.2	12.6	6.0	168.3				

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13	N08800 , N08810 ,N08811 N08825,N06600,N06601, N04400 N02200, N02201	ASTM B 163	AT	Tubes & Pipes	1.2	12.6	6.0	168.3				PMA for the use in pressure equipment in Directive 2014/68/EU necessary
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