



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-015-CPR2025-12-10

1) Code of the product type: **1.0039**

Type: Hot finished structural hollow sections (seamless tubes) **S235JRH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Factory production control notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification						
			Values								
Tolerances on dimensions and shape			Outside diameter		EN 10210-2:2019						
			Wall thickness								
			Ovality								
			Straightness								
Yield strength			Mass		EN 10210-1:2006						
			Nominal thickness (mm)								
	>	≤	ReH min (MPa)								
			16	235							
Tensile strength			16								
			40								
			Nominal thickness (mm)								
			Values								
Elongation			>								
			≤								
			Rm min (MPa)								
			100								
Impact strength			360								
			510								
			Nominal thickness (mm)								
			Values								
Weldability			>								
			≤								
			min (%)								
			26								
Chemical composition + CEV (cast analysis)			Nominal thickness (mm)								
			Values								
			>								
			max (%)								
Durability			40								
			C : 0,17								
			Mn : 1,40								
			N* : 0,009								
Chemical composition + CEV (cast analysis)			16								
			CEV: 0,37								
			16								
			CEV: 0,39								
*If P ≥ 0,025%, N = max.0,012%. If Al/N ≥ 2 and Al ≥ 0,020%, N maximum value does not apply.											
By option to specify that the product is suitable for galvanizing											



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-016-CPR2025-12-10

1) Code of the product type: **1.0149**

Type: Hot finished structural hollow sections (seamless tubes) **S275J0H according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.

Vratimovska 689/117, Kuncice

719 00 Ostrava - Czech Republic

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<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape	Values				EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
	Straightness	0,2% of total length and 3mm/1m				
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	ReH min (MPa)			
		16	275			
	16	40	265			
Tensile strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	Rm min (MPa)	max (MPa)		
		3	430	580		
	3	100	410	560		
Elongation	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	min (%)			
		40	23			
Impact strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	KV2Lmin (J)			
		40	27 at 0°C			
Weldability	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq		max (%)		
		40		C : 0,20 P : 0,035 Mn : 1,50 S : 0,035 N* : 0,009		
		16		CEV: 0,41		
	16	40		CEV: 0,43		
*If P $\geq 0,025\%$, N = max.0,012%. If Al/N ≥ 2 and Al $\geq 0,020\%$, N maximum value does not apply.						
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-017-CPR2025-12-10

1) Code of the product type: **1.0138**

Type: Hot finished structural hollow sections (seamless tubes) **S275J2H according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.

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4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification						
Tolerances on dimensions and shape	Values				EN 10210-2:2019						
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$									
	Wall thickness	- 10% (loc. -12,5%) / +8% mass									
	Ovality Straightness Mass	2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths									
Yield strength	Nominal thickness (mm)		Values								
	>	\leq	R_{eH} min (MPa)		EN 10210-1:2006						
		16	275								
	16	40	265								
Tensile strength	Nominal thickness (mm)		Values								
	>	\leq	R_{m} min (MPa)	max (MPa)							
		3	430	580							
	3	100	410	560							
Elongation	Nominal thickness (mm)		Values								
	>	\leq	min (%)								
		40	23								
	40										
Impact strength	Nominal thickness (mm)		Values								
	>	\leq	$KV2L\text{min}$ (J)								
		40	27 at -20°C								
	40										
Weldability	Nominal thickness (mm)		Values								
	>	\leq	max (%)								
		40	$C : 0,20$ $P : 0,030$								
	40		$Mn : 1,50$ $S : 0,030$								
Chemical composition + CEV (cast analysis)	16		CEV: 0,41								
	16	40	CEV: 0,43								
	16										
Durability	By option to specify that the product is suitable for galvanizing										
	Chemical composition + CEV (cast analysis)										



NOVÁ HUŤ

Declaration of Performance (according to regulation EU No 305/2011)

No. NH-018-CPR2025-12-10

1) Code of the product type: **1.0493**

Type: Hot finished structural hollow sections (seamless tubes) **S275NH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
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4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality Straightness Mass		2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	R_{eH} min (MPa)			
		16	275			
Tensile strength	16	40	265			
	Nominal thickness (mm)		Values			
	>	\leq	R_m min (MPa)	max (MPa)		
Elongation	65		370	510		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength			longit.	transv.		
	65		24	22		
	Nominal thickness (mm)		Values			
Weldability Chemical composition + CEV (cast analysis)	>	\leq	$KV2L$ min (J)			
		65	40 at -20°C			
	Nominal thickness (mm)		Values			
Durability Chemical composition + CEV (cast analysis)	>	\leq	min (%)	max (%)		
		65	Al _{tot} : 0,020 Mn : 0,50	C : 0,20 Mn : 1,40 S : 0,030 V : 0,08 Cr : 0,30 Mo : 0,10 N : 0,015 CEV: 0,40	P : 0,035 Nb : 0,050 Ti : 0,03 Ni : 0,30 Cu : 0,35	
By option to specify that the product is suitable for galvanizing						



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-019-CPR2025-12-10

1) Code of the product type: **1.0497**

Type: Hot finished structural hollow sections (seamless tubes) **S275NLH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
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4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality Straightness Mass		2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	R_{eH} min (MPa)			
		16	275			
Tensile strength	16	40	265			
	Nominal thickness (mm)		Values			
	>	\leq	R_m min (MPa)	max (MPa)		
Elongation	65		370	510		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength			longit.	transv.		
	65		24	22		
	Nominal thickness (mm)		Values			
Weldability	>	\leq	$KV2L$ min (J)			
		40	27 at -50°C			
	Nominal thickness (mm)		Values			
Chemical composition + CEV (cast analysis)	>	\leq	min (%)	max (%)		
		65	Al _{tot} : 0,020 Mn : 0,50	C : 0,20 Mn : 1,40 S : 0,025 V : 0,08 Cr : 0,30 Mo : 0,10 N : 0,015 CEV: 0,40		
Durability		By option to specify that the product is suitable for galvanizing				
Chemical composition + CEV (cast analysis)						



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-020-CPR2025-12-10

1) Code of the product type: **1.0547**

Type: Hot finished structural hollow sections (seamless tubes) **S355J0H according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.

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4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality Straightness Mass	2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths				
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	R_{eH} min (MPa)			
		16	355			
	16	40	345			
Tensile strength	Nominal thickness (mm)		Values			
	>	\leq	R_m min (MPa)	max (MPa)		
		3	510	680		
	3	100	470	630		
Elongation	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
		40	22			
	40					
Impact strength	Nominal thickness (mm)		Values			
	>	\leq	$KV2Lmin$ (J)			
		40	27 at 0°C			
	40					
Weldability	Nominal thickness (mm)		Values			
	>	\leq				
		40	max (%)			
			C : 0,22	P : 0,035		
			Mn : 1,60	S : 0,035		
			Si : 0,55	N* : 0,009		
	16	40	CEV: 0,45	CEV: 0,47		
*If P $\geq 0,025\%$, N = max.0,012%. If Al/N ≥ 2 and Al $\geq 0,020\%$, N maximum value does not apply.						
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-021-CPR2025-12-10

1) Code of the product type: **1.0576**

Type: Hot finished structural hollow sections (seamless tubes) **S355J2H according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.

Vratimovská 689/117, Kuncice

719 00 Ostrava - Czech Republic

Tel: +420 595 682 151, Fax: +420 596 237 980

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4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045

TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification			
Tolerances on dimensions and shape	Values				EN 10210-2:2019			
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$						
	Wall thickness	- 10% (loc. -12,5%) / +8% mass						
	Ovality Straightness Mass	2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths						
Yield strength	Nominal thickness (mm)		Values					
	>	\leq	R_{eH} min (MPa)		EN 10210-1:2006			
		16	355					
	16	40	345					
Tensile strength	Nominal thickness (mm)		Values					
	>	\leq	R_m min (MPa)	max (MPa)				
		3	510	680				
	3	100	470	630				
Elongation	Nominal thickness (mm)		Values					
	>	\leq	min (%)					
		40	22					
	40							
Impact strength	Nominal thickness (mm)		Values					
	>	\leq	$KV2Lmin$ (J)					
		40	27 at -20°C					
	40							
Weldability Chemical composition + CEV (cast analysis)	Nominal thickness (mm)		Values					
	>	\leq	max (%)					
		40	$C : 0,22$ $P : 0,030$					
			$Mn : 1,60$ $S : 0,030$					
			$Si : 0,55$ $CEV : 0,45$					
Durability Chemical composition + CEV (cast analysis)	CEV : 0,47							
	By option to specify that the product is suitable for galvanizing							



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-022-CPR2025-12-10

1) Code of the product type: **1.0539**

Type: Hot finished structural hollow sections (seamless tubes) **S355NH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

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4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality Straightness Mass		2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	\leq	R_{eH} min (MPa)			
		16	355			
Tensile strength	16	40	345			
	Nominal thickness (mm)		Values			
	>	\leq	R_{m} min (MPa)	max (MPa)		
Elongation	65		470	630		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength			longit.	transv.		
	65		22	20		
	Nominal thickness (mm)		Values			
Weldability	>	\leq	$KV2L$ min (J)			
			40	40 at -20°C		
	Nominal thickness (mm)		Values			
Chemical composition + CEV (cast analysis)	>	\leq	min (%)	max (%)		
		65	Al_{tot} : 0,020 Mn : 0,90	C : 0,20 Mn : 1,65 S : 0,030 V : 0,12 Cr : 0,30 Mo : 0,10 N : 0,020		
				P : 0,035 Nb : 0,050 Ti : 0,03 Ni : 0,50 Cu : 0,35		
Durability	16		CEV: 0,43			
	16	65	CEV: 0,45			
	Chemical composition + CEV (cast analysis)		By option to specify that the product is suitable for galvanizing			



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-023-CPR2025-12-10

1) Code of the product type: **1.0549**

Type: Hot finished structural hollow sections (seamless tubes) **S355NLH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.

Vratimovska 689/117, Kuncice

719 00 Ostrava - Czech Republic

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4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045

TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality		2%			
Yield strength	Straightness		0,2% of total length and 3mm/1m		EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	R_{eH} min (MPa)			
Tensile strength	16		355			
	16		345			
	Nominal thickness (mm)		Values			
	>		R_{m} min (MPa)	max (MPa)		
Elongation	65		470			
	Nominal thickness (mm)		Values			
	>		min (%)			
	65		longit.	transv.		
Impact strength	22		20			
	Nominal thickness (mm)		Values			
	>		$KV2L$ min (J)			
	40		27 at -50°C			
Weldability	Nominal thickness (mm)		Values			
	>		in (%)			
	65		max (%)			
	Chemical composition + CEV (cast analysis)					
Durability	65		Al_{tot} : 0,020	C : 0,18	Si : 0,50	
	Mn : 0,90		Mn : 1,65	P : 0,030		
	S : 0,025		S : 0,025	Nb : 0,050		
	V : 0,12		V : 0,12	Ti : 0,03		
Chemical composition + CEV (cast analysis)	Cr : 0,30		Cr : 0,30	Ni : 0,50		
	Mo : 0,10		Mo : 0,10	Cu : 0,35		
	N : 0,020		N : 0,020			
	16		CEV: 0,43			
Durability	16		CEV: 0,45			
	By option to specify that the product is suitable for galvanizing					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-024-CPR2025-12-10

1) Code of the product type: **1.0512**

Type: Hot finished structural hollow sections (seamless tubes) **S355K2H according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) **NOVÁ HUŤ s.r.o.**
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength	16		355			
	16		345			
	Nominal thickness (mm)		Values			
	>		Rm min (MPa)	max (MPa)		
Elongation	3		510		EN 10210-1:2006	
	3		470			
	100		630			
	Nominal thickness (mm)		Values			
Impact strength	>		min (%)		EN 10210-1:2006	
	40		22			
	Nominal thickness (mm)		Values			
	>		KV2Lmin (J)			
Weldability	40		40 at -20°C			
	Nominal thickness (mm)		Values			
	>		max (%)			
	40		C : 0,22 P : 0,030 Mn : 1,60 S : 0,030 Si : 0,55			
Chemical composition + CEV (cast analysis)	16		CEV: 0,45			
	16		CEV: 0,47			
	16					
	16					
Durability	By option to specify that the product is suitable for galvanizing					
Chemical composition + CEV (cast analysis)						



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-025-CPR2025-12-10

1) Code of the product type: **1.8750**

Type: Hot finished structural hollow sections (seamless tubes) **S420NH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) **NOVÁ HUŤ s.r.o.**
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12.2025

Essential characteristic	Performance				Harmonised technical specification
Tolerances on dimensions and shape	Values				
	Outside diameter $\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$ Wall thickness - 10% (loc. -12,5%) / +8% mass Ovality 2% Straightness 0,2% of total length and 3mm/1m Mass -6% / +8% for particular lengths				
Yield strength	Nominal thickness (mm)				EN 10210-2:2019
	>	\leq	R_{eH} min (MPa)		
		16	420		
	16	40	400		
Tensile strength	Nominal thickness (mm)				
	>	\leq	R_m min (MPa)	max (MPa)	
		65	520	680	
Elongation	Nominal thickness (mm)				
	>	\leq	min (%)		
			longit.	transv.	
		65	19	17	
Impact strength	Nominal thickness (mm)				
	>	\leq	$KV2Lmin$ (J)		
		40	40 at -20°C		
Weldability	Nominal thickness (mm)				
Chemical composition + CEV (cast analysis)	>	\leq	min (%)	max (%)	
		65	Al_{tot} : 0,020 Mn : 1,00	C : 0,22 Mn : 1,70 S : 0,030 V : 0,20 Cr : 0,30 Mo : 0,10 N : 0,025	Si : 0,60 P : 0,035 Nb : 0,050 Ti : 0,03 Ni : 0,80 Cu : 0,70
		16		CEV: 0,50	
	16	65		CEV: 0,52	
Durability	By option to specify that the product is suitable for galvanizing				
Chemical composition + CEV (cast analysis)					EN 10210-1:2006



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-026-CPR2025-12-10

1) Code of the product type: **1.8751**

Type: Hot finished structural hollow sections (seamless tubes) **S420NLH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification
Tolerances on dimensions and shape	Values				EN 10210-2:2019
Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
Wall thickness	- 10% (loc. -12,5%) / +8% mass				EN 10210-2:2019
Ovality	2%				
Straightness	0,2% of total length and 3mm/1m				EN 10210-2:2019
Mass	-6% / +8% for particular lengths				
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006
	>	\leq	ReH min (MPa)		
		16	420		
	16	40	400		
Tensile strength	Nominal thickness (mm)		Values		EN 10210-1:2006
	>	\leq	Rm min (MPa)	max (MPa)	
		65	520	680	
Elongation	Nominal thickness (mm)		Values		EN 10210-1:2006
	>	\leq	min (%)		
			longit.	transv.	
		65	19	17	
Impact strength	Nominal thickness (mm)		Values		EN 10210-1:2006
	>	\leq	$KV2Lmin$ (J)		
		40	27 at -50°C		
Weldability	Nominal thickness (mm)		Values		EN 10210-1:2006
Chemical composition + CEV (cast analysis)	>	\leq	min (%)	max (%)	
		65	$Al_{tot} : 0,020$ Mn : 1,00	C : 0,22 Mn : 1,70 S : 0,025 V : 0,20 Cr : 0,30 Mo : 0,10 N : 0,025	P : 0,030 Nb : 0,050 Ti : 0,03 Ni : 0,80 Cu : 0,70
		16		CEV: 0,50	
	16	65		CEV: 0,52	
Durability	By option to specify that the product is suitable for galvanizing				
Chemical composition + CEV (cast analysis)					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-027-CPR2025-12-10

1) Code of the product type: **1.8953**

Type: Hot finished structural hollow sections (seamless tubes) **S460NH according to EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		±1%, min ±0,5 and max ± 10mm			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality		2%			
Straightness		0,2% of total length and 3mm/1m				
Mass		-6% / +8% for particular lengths				
Yield strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>	≤	ReH min (MPa)			
		16	460			
	16	40	440			
Tensile strength	Nominal thickness (mm)		Values			
	>	≤	Rm min (MPa)	max (MPa)		
		65	540	720		
Elongation	Nominal thickness (mm)		Values			
	>	≤	min (%)			
			longit.	transv.		
		65	17	15		
Impact strength	Nominal thickness (mm)		Values			
	>	≤	KV2Lmin (J)			
		40	40 at -20°C			
Weldability	Nominal thickness (mm)		Values			
	>	≤	min (%)	max (%)		
		65	Al _{tot} : 0,020 Mn : 1,00	C : 0,22 Mn : 1,70 S : 0,030 V : 0,20 Cr : 0,30 Mo : 0,10 N : 0,025		
				P : 0,035 Nb : 0,050 Ti : 0,03 Ni : 0,80 Cu : 0,70		
Chemical composition + CEV (cast analysis)		16		CEV: 0,53		
		16	65	CEV: 0,55		
	Durability					
	By option to specify that the product is suitable for galvanizing					
Chemical composition + CEV (cast analysis)						



NOVÁ HUŤ

Declaration of Performance (according to regulation EU No 305/2011)

No. NH-028-CPR2025-12-10

1) Code of the product type: **1.8956**

Type: Hot finished structural hollow sections (seamless tubes) **S460NLH**
according to EN 10210-1:2006

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10210-1:2006

Notified factory production control certification body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.
Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10210-2:2019	
	Outside diameter		±1%, min ±0,5 and max ± 10mm			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
Yield strength	Ovality		2%		EN 10210-2:2019	
	Straightness		0,2% of total length and 3mm/1m			
Mass		-6% / +8% for particular lengths				
Tensile strength	Nominal thickness (mm)		Values		EN 10210-1:2006	
	>		ReH min (MPa)			
	16		460			
Elongation	16		440		EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	>		Rm min (MPa)			
Impact strength	65		540		EN 10210-1:2006	
	Nominal thickness (mm)		720			
	>		min (%)			
Weldability	65		longit.		EN 10210-1:2006	
	Nominal thickness (mm)		transv.			
	>		17			
Chemical composition + CEV (cast analysis)	65		15		EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	>		min (%)			
Durability	65		max (%)		EN 10210-1:2006	
	Al _{tot} : 0,020		C : 0,22			
	Mn : 1,00		Si : 0,60			
16		Mn : 1,70		P : 0,030		
16		S : 0,025		Nb : 0,050		
65		V : 0,20		Ti : 0,03		
		Cr : 0,30		Ni : 0,80		
		Mo : 0,10		Mo : 0,10		
		N : 0,025		Cu : 0,70		
		CEV: 0,53				
		CEV: 0,55				
By option to specify that the product is suitable for galvanizing						



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-029-CPR2025-12-10

1) Code of the product type: **1.0039**

Type: Cold formed welded structural hollow sections
(SAWH tubes) **S235JRH according to EN 10219:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) EN 10219-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10219-2:2006	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max ± 10 mm			
	Wall thickness		For $D \leq 406,4$ mm: $T \leq 5$ mm $\pm 10\%$ and $T > 5$ mm $\pm 0,5$ mm; for $D > 406,4$ mm: $\pm 10\%$ and max ± 2 mm			
	Ovality Straightness Mass		2%, for $D/T \geq 100$ must be agreed 0,20% of total length and 3mm/1m $\pm 6\%$ for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10219-1:2006	
	> \leq		ReH min (MPa)			
	16		235			
	16		225			
Tensile strength	Nominal thickness (mm)		Values			
	> \leq		Rm min (MPa)			
	40		360			
			510			
Elongation	Nominal thickness (mm)		Values			
	> \leq		min (%)			
	40		24			
Impact strength	Nominal thickness (mm)		Values			
	> \leq		$KV2L$ min (J)			
	40		27 at 20°C			
Weldability Chemical composition + CEV (cast analysis)	Nominal thickness (mm)		Values			
	> \leq		max (%)			
	40		$C : 0,17$ $P : 0,040$ $Mn : 1,40$ $S : 0,040$ $N^* : 0,009$ $CEV : 0,35$			
Durability Chemical composition + CEV (cast analysis)	By option to specify that the product is suitable for galvanizing					

*If $Al/N \geq 2$ and $Al \geq 0,020\%$, N maximum value does not apply.



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-030-CPR2025-12-10

1) Code of the product type: **1.0149**

Type: Cold formed welded structural hollow sections
(SAWH tubes) **S275J0H according to EN 10219:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+
6) EN 10219-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10219-2:2006	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		For $D \leq 406,4\text{mm}$: $T \leq 5\text{mm}$ $\pm 10\%$ and $T > 5\text{mm}$ $\pm 0,5\text{mm}$; for $D > 406,4\text{mm}$: $\pm 10\%$ and max $\pm 2\text{mm}$			
	Ovality Straightness Mass		2%, for $D/T \geq 100$ must be agreed 0,20% of total length and 3mm/1m $\pm 6\%$ for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10219-1:2006	
	>		R_{eH} min (MPa)			
	16		275			
	16		265			
Tensile strength	Nominal thickness (mm)		Values			
	>		R_m min (MPa)			
	40		410			
			560			
Elongation	Nominal thickness (mm)		Values			
	>		min (%)			
	40		20			
Impact strength	Nominal thickness (mm)		Values			
	>		$KV2L\text{min}$ (J)			
	40		27 at 0°C			
Weldability Chemical composition + CEV (cast analysis)	Nominal thickness (mm)		Values			
	>					
	40					
			max (%)			
		C : 0,20 Mn : 1,50 N* : 0,009 CEV : 0,40		P : 0,035 S : 0,035		
				*If $Al/N \geq 2$ and $Al \geq 0,020\%$, N maximum value does not apply.		
Durability Chemical composition + CEV (cast analysis)		By option to specify that the product is suitable for galvanizing				



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-031-CPR2025-12-10

1) Code of the product type: **1.0138**

Type: Cold formed welded structural hollow sections
(SAWH tubes) **S275J2H according to EN 10219:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+
6) EN 10219-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification				
Tolerances on dimensions and shape			Values		EN 10219-2:2006				
			Outside diameter						
			$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$						
			For $D \leq 406,4\text{mm}$: $T \leq 5\text{mm} \pm 10\%$ and $T > 5\text{mm} \pm 0,5\text{mm}$; for $D > 406,4\text{mm}$: $\pm 10\%$ and max $\pm 2\text{mm}$						
Yield strength	Wall thickness		Ovality Straightness Mass		EN 10219-2:2006				
			2%, for $D/T \geq 100$ must be agreed 0,20% of total length and 3mm/1m $\pm 6\%$ for particular lengths						
	Nominal thickness (mm)		Values						
Tensile strength	> \leq		ReH min (MPa)		EN 10219-1:2006				
			16 275						
	16 40		265						
Elongation	Nominal thickness (mm)		Values		EN 10219-1:2006				
	> \leq		Rm min (MPa)						
	40 410		560						
Impact strength	Nominal thickness (mm)		Values		EN 10219-1:2006				
	> \leq		min (%)						
	40 20								
Weldability	Nominal thickness (mm)		Values		EN 10219-1:2006				
	> \leq		max (%)						
	40		C : 0,20 Mn : 1,50 CEV: 0,40 P : 0,030 S : 0,030						
Durability		By option to specify that the product is suitable for galvanizing							
Chemical composition + CEV (cast analysis)									



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-032-CPR2025-12-10

1) Code of the product type: **1.0547**

Type: Cold formed welded structural hollow sections
(SAWH tubes) **S355J0H according to EN 10219:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product System 2+:

6) EN 10219-1:2006

Notified factory production control certification body No. 0045
TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10219-2:2006	
			Outside diameter $\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
			For $D \leq 406,4\text{mm}$: $T \leq 5\text{mm} \pm 10\%$ and $T > 5\text{mm} \pm 0,5\text{mm}$; for $D > 406,4\text{mm}$: $\pm 10\%$ and max $\pm 2\text{mm}$			
	Wall thickness		Ovality Straightness Mass 2% , for $D/T \geq 100$ must be agreed $0,20\%$ of total length and $3\text{mm}/1\text{m}$ $\pm 6\%$ for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10219-1:2006	
	$>$ \leq		ReH min (MPa)			
	16 355					
	16 40		345			
Tensile strength	Nominal thickness (mm)		Values			
	$>$ \leq		Rm min (MPa)			
	40 470		470			
	40 630		630			
Elongation	Nominal thickness (mm)		Values			
	$>$ \leq		min (%)			
	40 20		20			
Impact strength	Nominal thickness (mm)		Values			
	$>$ \leq		$KV2Lmin$ (J)			
	40 27 at 0°C		27 at 0°C			
Weldability	Nominal thickness (mm)		Values			
	$>$ \leq					
	40 $C : 0,22$		$P : 0,035$			
			$Mn : 1,60$ $S : 0,035$			
Chemical composition + CEV (cast analysis)			$Si : 0,55$ $N^* : 0,009$			
			$CEV : 0,45$			
			*If $Al/N \geq 2$ and $Al \geq 0,020\%$, N maximum value does not apply.			
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-033-CPR2025-12-10

1) Code of the product type: **1.0576**

Type: Cold formed welded structural hollow sections (SAWH tubes) **S355J2H according to EN 10219:2006**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product System 2+:

6) EN 10219-1:2006

Notified factory production control certification body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) Certificate No. 0045-CPR-0807. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10219-2:2006	
			Outside diameter $\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
			For $D \leq 406,4\text{mm}$: $T \leq 5\text{mm} \pm 10\%$ and $T > 5\text{mm} \pm 0,5\text{mm}$; for $D > 406,4\text{mm}$: $\pm 10\%$ and max $\pm 2\text{mm}$			
			Wall thickness 2%, for $D/T \geq 100$ must be agreed 0,20% of total length and 3mm/1m $\pm 6\%$ for particular lengths			
Yield strength	Nominal thickness (mm)		Values		EN 10219-1:2006	
	$>$ \leq		ReH min (MPa)			
	16 355					
	16 345					
Tensile strength	Nominal thickness (mm)		Values			
	$>$ \leq		Rm min (MPa)			
	40 470		max (MPa)			
	40 630					
Elongation	Nominal thickness (mm)		Values			
	$>$ \leq		min (%)			
	40 20					
Impact strength	Nominal thickness (mm)		Values			
	$>$ \leq		KV2Lmin (J)			
	40 27 at -20°C					
Weldability	Nominal thickness (mm)		Values			
	$>$ \leq					
	40 $C : 0,22$		max (%)			
			$P : 0,030$ $Mn : 1,60$ $Si : 0,55$ $CEV : 0,45$			
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-034-CPR2025-12-10

1) Code of the product type: **1.0252**

Type: Non-alloy seamless steel tubes **L235** according to **EN 10224:2002 + A1:2005**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in installations for the transport/disposal/storage of water, not intended for human consumption

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 4

6) EN 10224:2002 + A1:2005

The initial type testing was performed by the manufacturer whereas NH s.r.o. performs permanent surveillance, assessment, and evaluation of factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification				
Tolerances on dimensions and shape	Values				EN 10224:2002 + A1:2005				
	Outside diameter	$\pm 1\%$ or min $\pm 0,5$ mm							
	Wall thickness	EN 10224:2002 + A1:2005, table 7							
	Out of roundness	2% max for D/T \leq 100							
Yield strength	Straightness		0,2% L						
	Nominal thickness (mm)		Values						
	>	\leq	ReH min (MPa)						
		16	235						
Tensile strength	16		225						
	Nominal thickness (mm)		Values						
	\geq	\leq	Rm min (MPa)	max (MPa)					
	2,0	25,0	360	500					
Elongation	Nominal thickness (mm)		Values						
	\geq	\leq	long. min (%)	transv. min (%)					
	2,0	25,0	25	23					
	Nominal thickness (mm)		Test						
Flattening test	$>$	\leq							
	2,0	25,0	no cracks						
	Nominal thickness (mm)		Mandated class as per 96/303/EEC						
	\geq	\leq							
Reaction to fire	2,0	25,0	Class A1		EN 10224:2002 + A1:2005				
	Nominal thickness (mm)		Test						
	\geq	\leq							
	2,0	25,0	Hydrostatic test at a minimum of 7MPa/5s or EMT in acc. with EN 10246-1						
Tightness	Nominal thickness (mm)		Values						
	\geq	\leq							
	2,0	25,0	Any dang. substances in excess of the max. permitted levels specified in relevant European standard						
	Nominal thickness (mm)		Values						
Dangerous substances	\geq	\leq							
	2,0	25,0	Any dang. substances in excess of the max. permitted levels specified in relevant European standard						
	Nominal thickness (mm)		max (%)						
	2,0	25,0	C : 0,16	P : 0,030					
Chemical composition (cast analysis)			Mn : 1,20	S : 0,025					
			Si : 0,35						
Durability	By option to specify that the product is suitable for galvanizing								
Chemical composition + CEV (cast analysis)									



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-035-CPR2025-12-10

1) Code of the product type: **1.0260**

Type: Non-alloy seamless steel tubes L275 according to **EN 10224:2002 + A1:2005**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in installations for the transport/disposal/storage of water, not intended for human consumption

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 4

6) EN 10224:2002 + A1:2005

The initial type testing was performed by the manufacturer whereas NH s.r.o. performs permanent surveillance, assessment, and evaluation of factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape	Values				EN 10224:2002 + A1:2005	
	Outside diameter	$\pm 1\%$ or min $\pm 0,5$ mm				
	Wall thickness	EN 10224:2002 + A1:2005, table 7				
	Out of roundness	2% max for $D/T \leq 100$				
Straightness				0,2% L		
Yield strength	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
		16	275			
	16		265			
Tensile strength	Nominal thickness (mm)		Values			
	\geq	\leq	Rm min (MPa)	max (MPa)		
	2,0	25,0	430	570		
Elongation	Nominal thickness (mm)		Values			
	\geq	\leq	long. min (%)	transv. min (%)		
	2,0	25,0	21	19		
Flattening test	Nominal thickness (mm)		Test			
	>	\leq				
	2,0	25,0	no cracks			
Reaction to fire	Nominal thickness (mm)		Mandated class as per 96/303/EEC		EN 10224:2002 + A1:2005	
	\geq	\leq				
	2,0	25,0	Class A1			
Tightness	Nominal thickness (mm)		Test			
	\geq	\leq				
	2,0	25,0	Hydrostatic test at a minimum of 7MPa/5s or EMT in acc. with EN 10246-1			
Dangerous substances	Nominal thickness (mm)		Values			
	\geq	\leq				
	2,0	25,0	Any dang. substances in excess of the max. permitted levels specified in relevant European standard			
Chemical composition (cast analysis)	Nominal thickness (mm)		Values			
	\geq	\leq				
	2,0	25,0	max (%)			
			C: 0,20	P: 0,030		
			Mn: 1,40	S: 0,025		
			Si: 0,40			
Durability Chemical composition + CEV (cast analysis)	By option to specify that the product is suitable for galvanizing					



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-036-CPR2025-12-10

1) Code of the product type: **1.0419**

Type: Non-alloy seamless steel tubes L355 according to **EN 10224:2002 + A1:2005**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in installations for the transport/disposal/storage of water, not intended for human consumption

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 4

6) EN 10224:2002 + A1:2005

The initial type testing was performed by the manufacturer whereas NH s.r.o. performs permanent surveillance, assessment, and evaluation of factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification		
Tolerances on dimensions and shape			Values		EN 10224:2002 + A1:2005		
	Outside diameter		$\pm 1\%$ or min $\pm 0,5$ mm				
	Wall thickness		EN 10224:2002 + A1:2005, table 7				
	Out of roundness		2% max for D/T \leq 100				
Straightness				0,2% L			
Yield strength	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005		
	>		ReH min (MPa)				
	16		355				
16				345			
Tensile strength	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005		
	\geq		Rm min (MPa)				
	2,0		500				
2,0				650			
Elongation	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005		
	\geq		long. min (%)				
	2,0		21				
2,0				19			
Flattening test	Nominal thickness (mm)		Test		EN 10224:2002 + A1:2005		
	>						
	2,0		no cracks				
Reaction to fire	Nominal thickness (mm)		Mandated class as per 96/303/EEC		EN 10224:2002 + A1:2005		
	\geq						
	2,0		Class A1				
Tightness	Nominal thickness (mm)		Test		EN 10224:2002 + A1:2005		
	\geq						
	2,0		Hydrostatic test at a minimum of 7MPa/5s or EMT in acc. with EN 10246-1				
Dangerous substances	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005		
	\geq						
	2,0		Any dang. substances in excess of the max. permitted levels specified in relevant European standard				
Chemical composition (cast analysis)	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005		
	\geq						
	2,0		max (%)				
2,0				C : 0,22 P : 0,030 Mn : 1,60 S : 0,025 Si : 0,55			
Durability Chemical composition + CEV (cast analysis)							
By option to specify that the product is suitable for galvanizing							



Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-037-CPR2025-12-10

1) Code of the product type: **1.0252**

Type: Non-alloy welded steel tubes **L235 according to EN 10224:2002 + A1:2005**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in installations for the transport/disposal/storage of water, not intended for human consumption

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 4

6) EN 10224:2002 + A1:2005

The initial type testing was performed by the manufacturer whereas NH s.r.o. performs permanent surveillance, assessment, and evaluation of factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10224:2002 + A1:2005	
	Outside diameter		$\pm 0,75\%$, max $\pm 6,0$ mm			
	Wall thickness		$\pm 7,5\%$			
Yield strength	Out of roundness		2% max for D/T \leq 100, for D/T>100 must be agreed		EN 10224:2002 + A1:2005	
	Straightness		0,2% L			
	Nominal thickness (mm)		Values			
Tensile strength	> \leq		ReH min (MPa)		EN 10224:2002 + A1:2005	
	16		235			
	16		225			
Elongation	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005	
	\geq \leq		Rm min (MPa)			
	2,0 25,0		360 500			
Bending test	Nominal thickness (mm)		Test		EN 10224:2002 + A1:2005	
	> \leq		2,0 25,0			
			no cracks			
Reaction to fire	Nominal thickness (mm)		Mandated class as per 96/303/EEC		EN 10224:2002 + A1:2005	
	\geq \leq		2,0 25,0			
			Class A1			
Tightness	Nominal thickness (mm)		Test		EN 10224:2002 + A1:2005	
	\geq \leq		2,0 25,0			
			Hydrostatic test at a minimum of 7MPa/5s or EMT in acc. with EN 10246-1			
Dangerous substances	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005	
	\geq \leq		Any dang. substances in excess of the max. permitted levels specified in relevant European standard			
	2,0 25,0					
Chemical composition (cast analysis)	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005	
	\geq \leq		max (%)			
	2,0 25,0		C : 0,16 P : 0,030 Mn : 1,20 S : 0,025 Si : 0,35			
Durability Chemical composition + CEV (cast analysis)		By option to specify that the product is suitable for galvanizing				



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-038-CPR2025-12-10

1) Code of the product type: **1.0260**

Type: Non-alloy welded steel tubes **L275** according to
EN 10224:2002 + A1:2005

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in installations for the transport/disposal/storage of water, not intended for human consumption

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) -----

5) System of assessment and verification of constancy of performance of the product: System 4

6) EN 10224:2002 + A1:2005

The initial type testing was performed by the manufacturer whereas NH s.r.o. performs permanent surveillance, assessment, and evaluation of factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification				
Tolerances on dimensions and shape			Values		EN 10224:2002 + A1:2005				
	Outside diameter		$\pm 0,75\%$, max $\pm 6,0$ mm						
	Wall thickness		$\pm 7,5\%$						
	Out of roundness		2% max for D/T \leq 100, for D/T>100 must be agreed						
Straightness		0,2% L							
Yield strength	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005				
	> \leq		ReH min (MPa)						
	16		275						
	16		265						
Tensile strength	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005				
	\geq \leq		Rm min (MPa)						
	2,0 25,0		430 570						
Elongation	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005				
	\geq \leq		long. min (%) transv. min (%)						
	2,0 25,0		21 19						
Bending test	Nominal thickness (mm)		Test		EN 10224:2002 + A1:2005				
	> \leq								
	2,0 25,0		no cracks						
Reaction to fire	Nominal thickness (mm)		Mandated class as per 96/303/EEC		EN 10224:2002 + A1:2005				
	\geq \leq								
	2,0 25,0		Class A1						
Tightness	Nominal thickness (mm)		Test		EN 10224:2002 + A1:2005				
	\geq \leq								
	2,0 25,0		Hydrostatic test at a minimum of 7MPa/5s or EMT in acc. with EN 10246-1						
Dangerous substances	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005				
	\geq \leq								
	2,0 25,0		Any dang. substances in excess of the max. permitted levels specified in relevant European standard						
Chemical composition (cast analysis)	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005				
	\geq \leq								
	2,0 25,0		C : 0,20 P : 0,030 Mn : 1,40 S : 0,025 Si : 0,40						
Durability		By option to specify that the product is suitable for galvanizing							
Chemical composition + CEV (cast analysis)									



Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-039-CPR2025-12-10

1) Code of the product type: **1.0419**

Type: Non-alloy welded steel tubes L355 according to
EN 10224:2002 + A1:2005

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in installations for the transport/disposal/storage of water, not intended for human consumption

3) NOVÁ HUŤ s.r.o.
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 4

6) EN 10224:2002 + A1:2005

The initial type testing was performed by the manufacturer whereas NH s.r.o. performs permanent surveillance, assessment, and evaluation of factory production control.

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10224:2002 + A1:2005	
	Outside diameter		$\pm 0,75\%$, max $\pm 6,0$ mm			
	Wall thickness		$\pm 7,5\%$			
Yield strength	Out of roundness		2% max for $D/T \leq 100$, for $D/T > 100$ must be agreed			
	Straightness		$0,2\%$ L			
Tensile strength	Nominal thickness (mm)		Values		EN 10224:2002 + A1:2005	
	$>$	\leq	ReH min (MPa)			
		16	355			
Elongation	\geq	\leq	Rm min (MPa)	max (MPa)		
	2,0	25,0	500	650		
	Nominal thickness (mm)		Values			
Bending test	\geq	\leq	long. min (%)	transv. min (%)		
	2,0	25,0	21	19		
Reaction to fire	Nominal thickness (mm)		Test			
	$>$	\leq				
	2,0	25,0	no cracks			
Tightness	Nominal thickness (mm)		Mandated class as per 96/303/EEC			
	\geq	\leq				
	2,0	25,0	Class A1			
Dangerous substances	Nominal thickness (mm)		Test			
	\geq	\leq	Hydrostatic test at a minimum of 7MPa/5s or EMT in acc. with EN 10246-1			
	2,0	25,0				
Chemical composition (cast analysis)	Nominal thickness (mm)		Values			
	\geq	\leq	Any dang. substances in excess of the max. permitted levels specified in relevant European standard			
	2,0	25,0				
Durability Chemical composition + CEV (cast analysis)	Nominal thickness (mm)		Values			
	\geq	\leq	max (%)			
	2,0	25,0	C : 0,22	P : 0,030		
			Mn : 1,60	S : 0,025		
			Si : 0,55			
By option to specify that the product is suitable for galvanizing						



NOVÁ HUŤ

Declaration of Performance
(according to regulation EU No 305/2011)

No. NH-040-CPR2025-12-10

1) Code of the product type: **1.0026**

Type: Non-alloy steel tubes **S195T according to EN 10255:2004 + A1:2007**

2) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used for distribution of aqueous liquids, gas and fuel

3) **NOVÁ HUŤ s.r.o.**
Vratimovska 689/117, Kuncice
719 00 Ostrava - Czech Republic
Tel: +420 595 682 151, Fax: +420 596 237 980
<https://novahut.cz/>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 3

6) EN 10255:2004 + A1:2007

The initial type testing was performed by notified test laboratory and manufacturer whereas the internal factory production control is under permanent surveillance and assessment of the manufacturer. In addition, the certification body No. 0045 TÜV NORD issued certificate of conformity with requirements acc. to DIN EN 10255:2004+A1:2007

7) The performance of the product identified in point 1) is in conformity with the declared performance in the table.

8) TÜV file 1326WL31702. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 10.12. 2025

Essential characteristic	Performance				Harmonised technical specification	
Tolerances on dimensions and shape			Values		EN 10255:2004 + A1:2007	
	Outside diameter		EN 10255:2004 + A1:2007, Table 2			
	Wall thickness		+12,5% / -12,5%			
	Out of roundness		Included in diameter tolerance			
Straightness		0,002L				
Mass		EN 10255:2004 + A1:2007, Table 2				
Yield strength	Nominal thickness (mm)		Values			
	≥	≤	ReH min (MPa)			
	2,0	5,4	195			
Tensile strength	Nominal thickness (mm)		Values			
	≥	≤	Rm min (MPa)	max (MPa)		
	2,0	5,4	320	520		
Elongation	Nominal thickness (mm)		Values			
	≥	≤	min (%)			
	2,0	5,4	20			
Reaction to fire	Nominal thickness (mm)		Mandated class as per 96/303/EEC			
	≥	≤				
	2,0	5,4	Class A1			
Tightness	Nominal thickness (mm)		Test			
	≥	≤	Hydrostatic test at a minimum of 5MPa/5s or EMT in acc. With EN 10246-1			
	2,0	5,4				
Dangerous substances	Nominal thickness (mm)		Values			
	≥	≤	Any dang. substances in excess of the max. permitted levels specified in relevant European standard			
	2,0	5,4				
Chemical composition (cast analysis)	Nominal thickness (mm)		Values			
	≥	≤	max (%)			
	2,0	5,4	C : 0,20	P : 0,035 Mn : 1,40		
Durability Chemical composition + CEV (cast analysis)		By option to specify that the product is suitable for galvanizing				