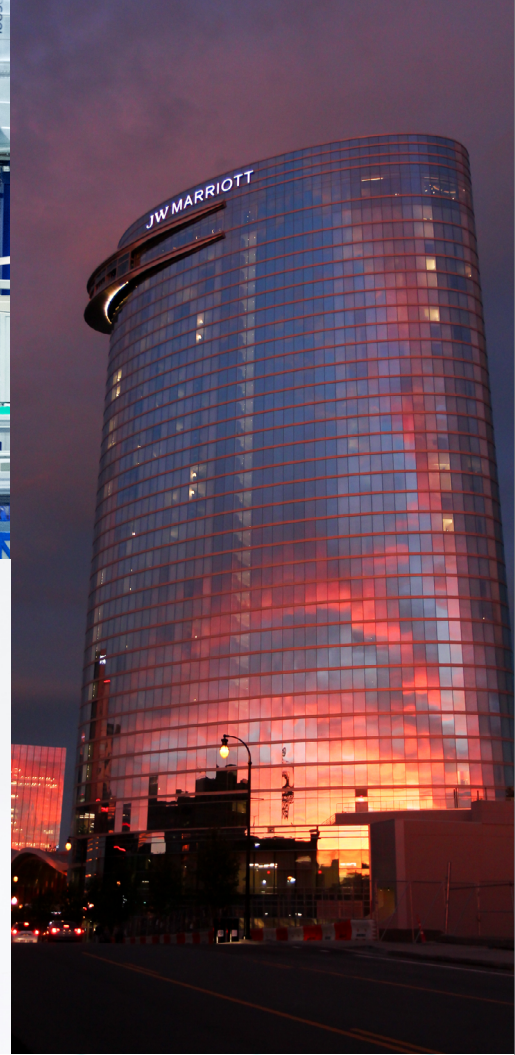




Standard profiles 2024

Insulation solutions for
windows, doors, and facades.



Standard profiles for windows, doors, and facades

Find your perfect match – our standard profile solutions

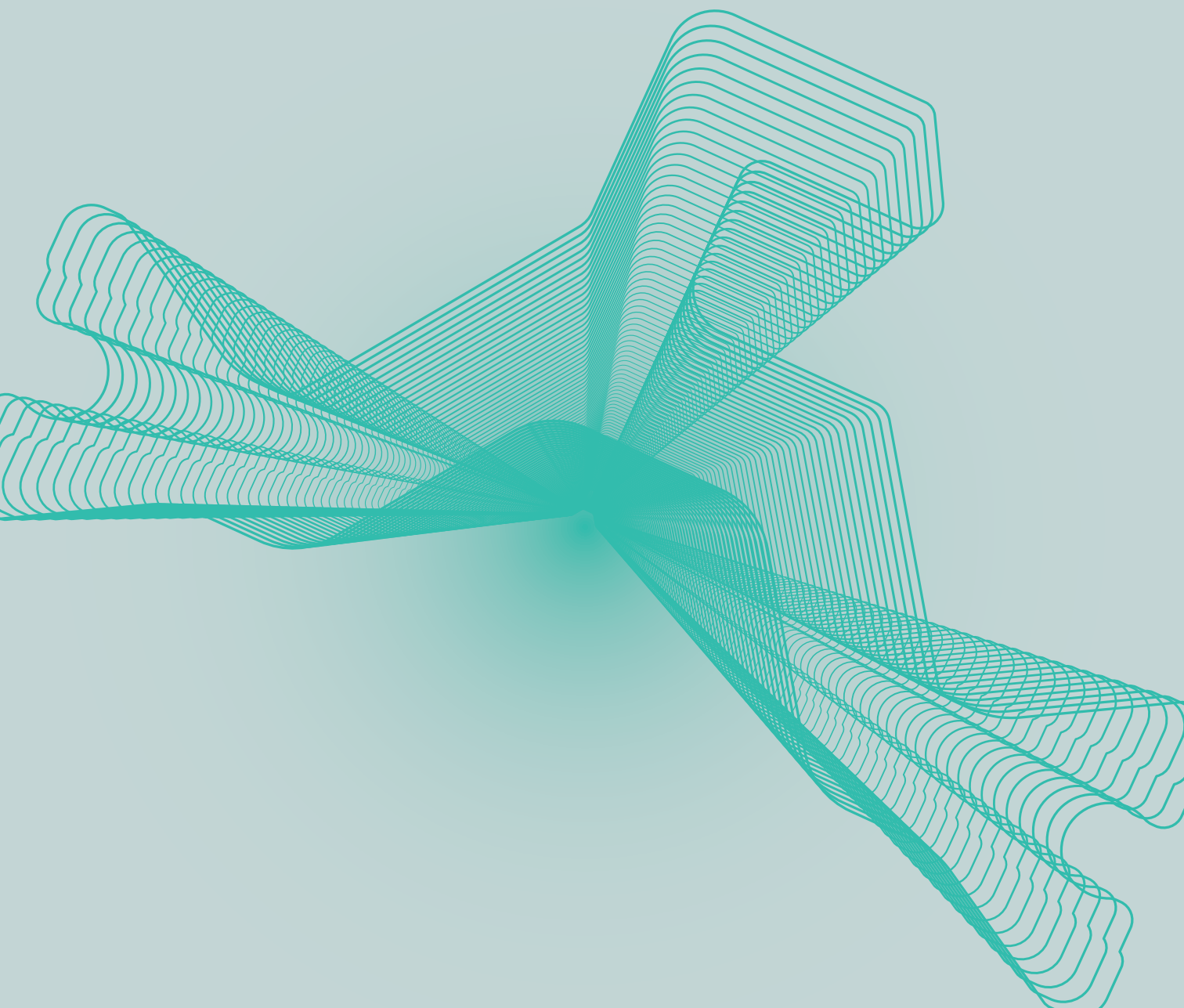
Our standard offering comprises more than 800 freely available geometries for varying markets and needs. High quality solutions can be created using the insulating profiles in the standard program. All serial products can be rapidly supplied in any length and quantity to any location in the world, thanks to our global network of 13 production sites and more than 45 sales offices. Our specialists will gladly assist you with your project from the planning and development stage up to the finished product.

Low Lambda Polyamide – thermal break has a new value

On the path towards an optimized Uf value, we have also developed a new standard: our Low Lambda polyamide. With this innovation we can now offer you two possibilities to match your requirements. Choose between a reduced Uf value by maintaining the same frame size or a smaller frame while leaving the Uf value unchanged.



















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Low Lambda, the new standard




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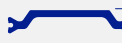







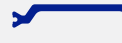

























12 mm	16 mm	20 mm	22 mm	23 mm	24 mm
 839200	 855400	 824300	 817700	 833100	 842400
	 856000	 835200	 847500		 853300
		 830600	 842300		 804100
		 834600	 818000		 828300
		 842700			 833800
		 845700			 842200
		 829300			 829400
					 813900
					 847700
					 854100
					 834000
					 853400

Standard profiles Low Lambda Polyamide

Our profiles are done in Low Lambda PA 66 GF25, dry impact resistant.


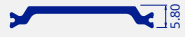



























24 mm	26 mm	27 mm	28 mm	29 mm
 828200	 824200	 854800	 809700	 815200
 848600	 855300		 806100	 824100
 852900	 855200		 850300	 824000
 804200			 803300	
 811000			 805900	
 854700			 850400	
 850800			 809600	
 845600			 803200	
 847600				
 829200				

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30 mm	32 mm	34 mm	35 mm	36 mm
 846500	 823600	 821100	 802800	 816900
 800200	 803000	 807600	 838600	 840200
 809800	 851700	 849100	 855100	 851600
	 803100	 802200	 813300	
	 806300	 800900	 811500	
		 833300	 813200	
		 811800	 825300	
		 823800	 838500	
		 833200	 849200	
		 835300	 830100	
		 838700	 821000	
		 831400	 846300	




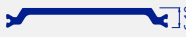

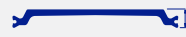
Standard profiles Low Lambda Polyamide




Our profiles are done in Low Lambda PA 66 GF25, dry impact resistant.







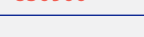


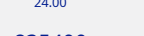
37 mm	38 mm	39 mm	40 mm	42 mm
 829900	 843600	 810800	 823400	 841900
 813700	 808000	 827300	 805000	 806400
		 801600	 800800	 848200
		 842000		 845400
		 827200		 840000
		 805100		 840100
		 801500		 835700
		 842100		 835600
		 821300		 839900
		 827100		 849800
		 855500		
		 801400		

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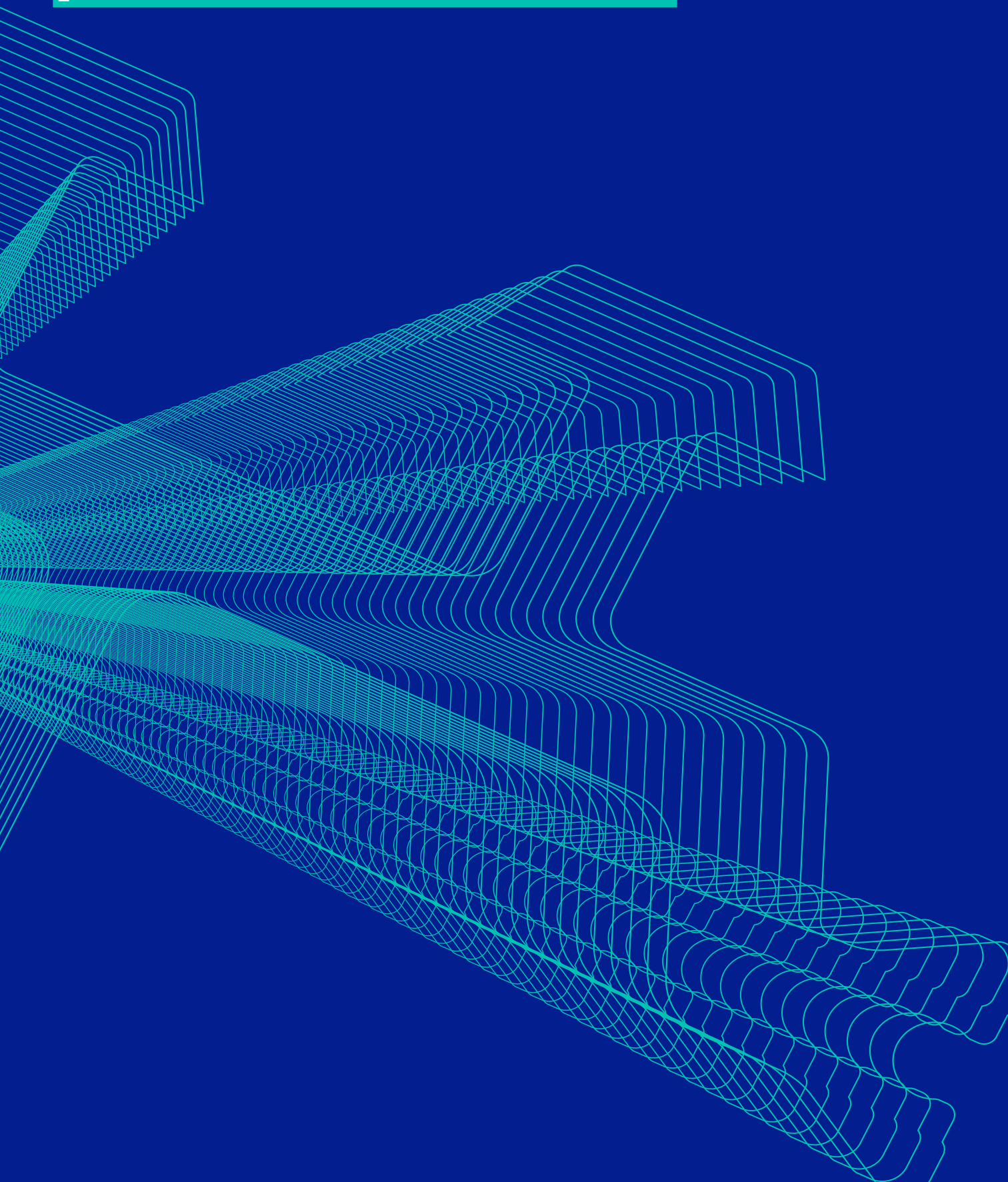
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44 mm	45 mm	46 mm	50 mm	54 mm	55 mm
 810700	 808100	 852600	 812800	 812600	 833500

			 854000	 812500	
				 822900	


























Anti bi-metal		Profiles for sliding doors
 835800	 810000	 851800
 850900	 824600	 843500
 835900	 850200	
 835400		
 851000		

Standard profiles PA66 GF25



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9 mm	10 mm	12 mm	13 mm	14 mm
 254000	 204600*	 977500	13.4 mm	 202300
	 244800	 926900 · 975300	 979200	 913700
	 269800#	 209900	13.5 mm	 202400
		 328100	 249100	 217100
		 958241	 969505	 233200
		 282000		 948600
		 442500*		 493100#
				 263400
				 486900
				 259900#
				 948700
				 951559 · 943300
				 235300
				 241600
				 240200#
				 980600
				 268200

















Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

14 mm					15 mm
14.6 mm	14.8 mm				
 355700*	 280600	 299000	 221400	 257100	 910300
 223900	 931000 · 951659	 486100*	 237600	 270300	 952200#
 313000*	 271800	 201000	 246700	 937700	 538500
	 924300 · 945500 951259	 931100 · 951759	 300800	 488200	 260500
	 203900	 941600 · 951859	 271500	 977000	 260400
	 208500	 961459	 273500		
	 952100 · 962059	 925500	 289700		
	 406100#	 975800	 961559		
	 378600	 279000	 987400		
	 937600	 221900	 335600#		
	 295600#	 403400	 320100*		

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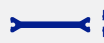











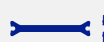









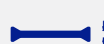


















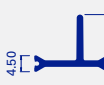














































16 mm			17 mm	18 mm
 962159#	 976000	 445500	16.5 mm	 589200
 973500	 296500	 977900	 977400	 592000
 232900 · 265800	 277600*#	 940300	16.6 mm	 286600#
 912000 · 955900 951359	 962259#	 981700	 420800*#	17.4 mm
 345800#	 970559	 296600		 242700#
 221000	 973600	 980900		 964000
 961859	 942100	 214400	17.8 mm	 465400
 963900	 976100	 221100	 330400	 233800
 203200#	 265900	 227500	 325300	 270200
 219900	 941800	 270100	 955000	 541400
 270000	 961959	 296900	 267100	 955000
 940800	 977600			 276900

Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

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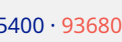





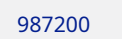




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18 mm			19 mm	20 mm		20 mm		21 mm	22 mm		23 mm
 224100	18.6 mm		 316700	 933200	 228900	 964200	 250000	 556500	 202200	 977200	 283000#
 290600	 210900	 276000	 316900	 912500 · 957600	 499500#	 271100	 439500*#	 357500*	 242900	 413800	 538800
 357400*	 273300	 250800	 316800	 277400	 387200*	 966500	20.6 mm		 908400	 254100	 320400
 955200	 912100 · 912159	 979300		 957300	 234700	 306700	 221500#		 269700	 286700	 282600
 277000	 912800	 330500		 246500	 269100*	 325500	 221600#		 966605	 389600	
 343900	 977700	 952459		 941700	 945800	 283600			 978700	 245800	
 235400	 279300*			 942600	 562100	 493600			 413700	 491600	
 322100*	 332700*			 271000	 957400	 297800*			 228100	 439100*	
 248300	 360500*			 296200	 937000	 924900			 271300*		
 955300	 276800			 976600	 444500	 964100			 243000		
	 324600			 249900	 228700	 271200			 431300		
	 226300			 250100	 218500	 330700			 245900		

Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.








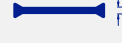





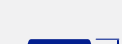






















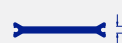
















24 mm

 961759 · 933100	 268000	 220300	 360900	 224000	 419300
 965159#	 294100	 246300*	 566000	 251800	 359800
 919300 · 975900	 976700	 271400*	 322000	 969759	 546100
 390900	 940400	 927200	 495000	 246600	 443700
 241700#	 969959	 925200	 403500	 289800	 256800
 956059	 479800	 975700	 249000	 464600	 273400
 957500	 984300	 404000*	 231900	 479700	 464700
 350300	 961105	 228200	 268100	 502900	 516200
 355000	 979500	 415100	 294200	 330600	 510600
 360800	 459500	 956159	 964300	 228800	 418200
 954800	 975400 · 936800	 291100	 400800	 300400	 406200#
 235100	 987200	 253600	 979900	 561400	 399200

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24 mm

 231800	24.8 mm	 910400	25.3 mm	 212600	 410800
 358900	 215600	 979400	 470200*	 254800	 401700
 214000	 246100	 950159	 329600*	 908500	 321800
 489900	 215700	 974500	 329700*	 260600	 978900
 969859	 265000	 249500	 329800*	 453100	 426400
 962659	 214300	 946700	25.5 mm	 304500	 359600
 214800	 282100	 249600	 220400	 491200	 394200
 224600	 246000	 974600		 289300#	 208700
 413900		 249700		 978800	 264100
 439400#				 357700	 300900
 964559#				 321100	
















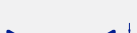

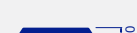


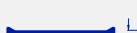
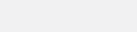


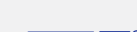



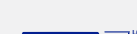



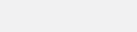
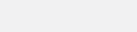


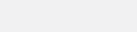
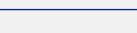


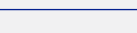



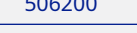


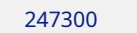









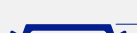



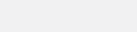



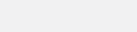

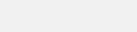
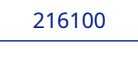
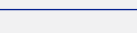
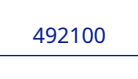







544900

Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.






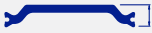



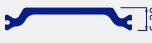

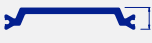




















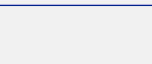


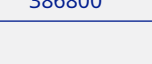
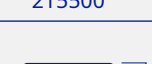


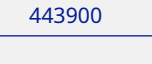

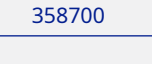




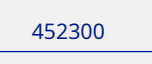


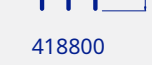






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27 mm	28 mm		29 mm	30 mm	30 mm	31 mm	32 mm		34 mm
 971605	 222500	 475500		 286900	 404600			 219500	
 932000	 948400	 355400		 229100				 220800	
 253800	 927700	 548200		 308600				 246200	
 253900	 214700	 571000		 261900				 908600	
27.5 mm	 223500	 321500		 242100				 273800	
 942700	 321300	 566100		324100#				 241200	
	 516900	 450000		 282300				 493700	277100*#
	 368600	 280800		 947400				 974700	
	 509900	 319600		 506200				 312000	
	 450100	 271600		 247300				 282400	
	 280900	975100*		 478600				 364600	
	 354400*	 286800		 486400				 247500	
								 268300	
								 239300	 418400
								 354700	 256000
								 303700	 256300
								 371800	 563100
								 256100	 412200
								 494500	 218100
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								 259800	 492100
								 448300	 273900
								 247700#	 488300
								 256200	 218600
								 496000	 269200










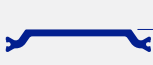





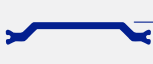




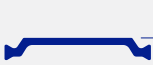









Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

34 mm			35 mm		36 mm
 425100	 548300	 437800	 432000	 418900	 201300
 429100	 429300	 558600	 337700	 423500*	 983400
 430400	 437900	 218400	 418600	 382100	 557600
 321700	 422900	 258800	 533200	 418500	 392400
 426300	 423300	 543300	 522100	35.3 mm	 478100
 986300	 386800	 503700	 215500	 485500*	
 265600	 443900	34.8 mm	 358700	 477400*	
 532600	 260900	 300700	 452300	 477500*	
 357000	 240800	 300600	 418800		
 377100	 400100		 423700*		
 559400	 265500		 427100		
 378200	 425000		 418700		

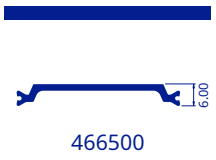
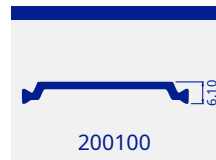

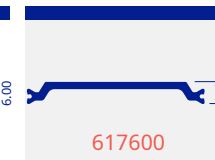
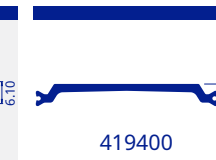
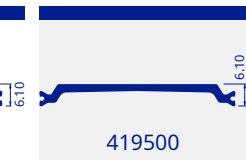

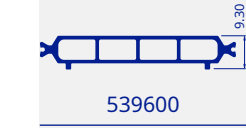
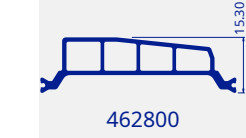

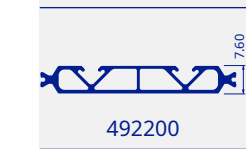
000000 Article Number / **000000 New Article** /

*Article production in America or Asia / **#Head not compatible to Standard Groove**

37 mm	38 mm	39 mm	40 mm	42 mm	44 mm
 394600*	 327800	 357900	 357800	 286300	 502100
 425200	 219300	 340000	 444200	 334800	 352100
 515000	 363700	 340300	 287800	 599100	 501000
 394400*		 340200	 412000		
 394500*		 546200	 521000		
		 452100	 442800		
		 340100	 441900		
		 368500	 364700		

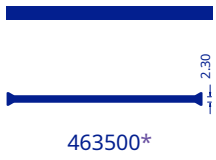
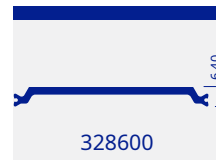
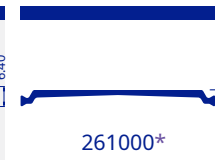
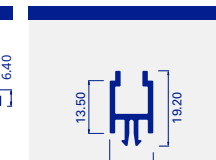
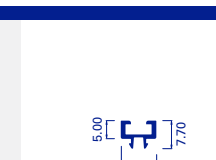
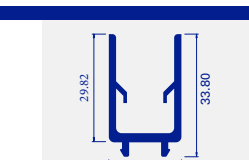
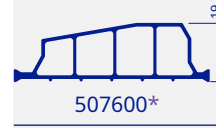



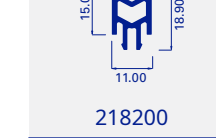
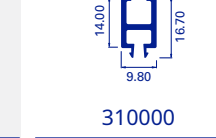
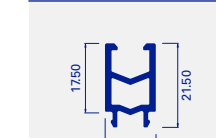
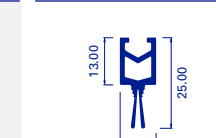
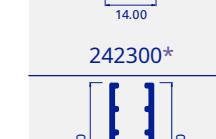
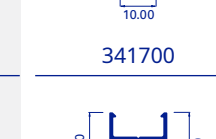
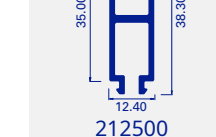
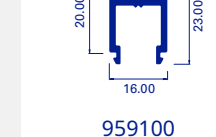
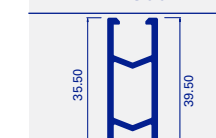
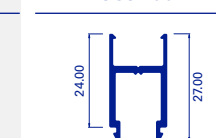
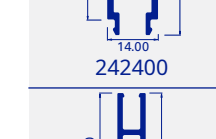
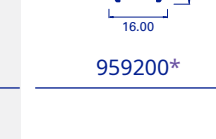
Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

45 mm	46 mm	48 mm	49 mm	50 mm	54 mm
 466500	 200100	 365800	 617600	 419400	 419500
		 457000			 539600
					 462800
					 419600
					 492200



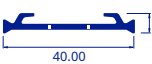
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60 mm	64 mm	77 mm	Curtain wall spacers		
 463500*	 328600	 261000*	 217300	 309900	 337500
	 507600*		 218200	 310000	
	 507500*		 242300*	 341700	
			 212500	 959100	
			 242400	 959200*	
			 423200	 472500*	
			 248800*	 398900	
			 280100	 399000	



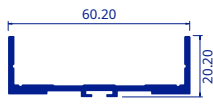





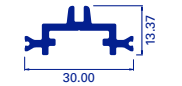
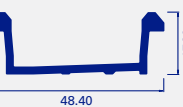
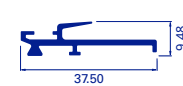

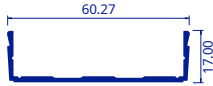
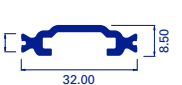
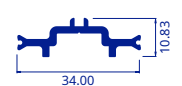



Standard profiles Polyamide

Our standard profiles are available in Standard and Recycled PA 66 GF25, dry impact resistant.

Operating Rods	Specials	Hidden Sash	Anti bi-metal		
 17.70 7.00 224400	 30.00 25.86 200600	 29.70 10.90 346000	 18.00 6.10 458800	 30.00 6.10 339000	 14.80 5.30 576000
 19.50 4.50 222400	 20.98 15.48 212100	 31.80 19.00 375400	 18.60 6.10 317000	 32.00 6.12 464400	 16.00 5.35 605100
 19.50 4.10 218000	 21.10 21.80 254400	 31.40 13.47 464900	 20.00 6.10 370000	 34.00 6.30 429900	 18.60 5.35 599900
 19.50 4.60 289400*	 14.80 22.20 505200	 31.40 15.40 529500	 22.00 6.10 317100	 40.00 10.65 520900	 20.00 5.35 598700
 20.50 4.80 254700	 14.50 4.70 492000	 37.40 14.40 506400	 24.00 6.10 339900	 40.00 6.15 521000	 22.00 5.35 590900
 22.70 7.00 224500	 15.00 5.77 432100*	 34.40 15.20 550600	 25.00 6.10 316200	 24.00 5.35 592400	
	 40.00 15.00 491700*	 44.72 15.40 513400	 26.00 6.10 387500	 28.00 5.35 605200	
	 60.95 15.89 449500*		 28.00 6.10 418100		

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*Article production in America or Asia / #Head not compatible to Standard Groove

Profiles for sliding doors				Profiles for minimal sliding doors
 43.60 10.70 200500	 58.60 17.80 389900	 26.00 8.90 301000	 32.00 8.50 306200*	 60.20 20.20 440100
 43.60 12.95 979600	 39.17 10.74 371900	 28.00 7.00 255300	 18.00 19.50 354300	 59.96 30.55 440200
 33.72 11.51 244900	 13.00 10.83 977100	 30.00 13.37 263000	 48.40 17.20 384300	 62.09 17.63 440300
 37.50 9.48 343200	 17.60 14.00 933000	 32.00 7.00 282200		 60.27 17.00 440400
 40.80 9.60 385200	 18.00 10.20 385100	 32.00 8.50 419000*		
 23.00 9.30 403600	 19.20 23.00 306300	 32.00 7.00 495600		
 24.20 9.70 415500	 32.00 28.61 229000	 34.00 10.83 274000		
 58.60 17.80 311300	 38.00 14.88 437700	 30.00 6.90 245000		

Material data sheet

Insulating strips of **PA 66 GF25, dry impact resistant**

Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips		Injection-moulded samples
			Dry ⁽¹⁾	Equilibrium moisture content ⁽²⁾	Dry ⁽¹⁾
melting temperature	EN ISO 11357-3	°C	min. 250 ⁽³⁾	min. 250 ⁽³⁾	min. 250 ⁽³⁾
density	EN ISO 1183-1 or -3	g/cm ³	1.3 +/- 0.05	1.3 +/- 0.05	1.3 +/- 0.05
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	82 +/- 4 ⁽⁴⁾	78 +/- 4 ⁽⁴⁾	84 +/- 2
impact strength	EN ISO 179-1	kJ/m ²	min. 30 or without break ⁽⁵⁾	min. 40 or without break ⁽⁵⁾	min. 35 ⁽⁶⁾
tensile strength	EN ISO 527-2 and -4	N/mm ²	min. 80 ⁽⁷⁾	min. 50 ⁽⁷⁾	min. 110 ⁽⁸⁾
Young's modulus	EN ISO 527-2 and -4	N/mm ²	min. 4500 ⁽⁷⁾	min. 2000 ⁽⁷⁾	min. 6000 ⁽⁸⁾
elongation at break	EN ISO 527-2 and -4	%	min. 3 ⁽⁷⁾	min. 7 ⁽⁷⁾	min. 3 ⁽⁸⁾

- ¹⁾ Sample water content less than 0.2 % by weight
- ²⁾ Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
- ³⁾ Maximum temperature 300 °C
- ⁴⁾ Specimen thickness 2 mm, unstacked
- ⁵⁾ Specimen 2fU (50 mm x 10 mm x 2 mm)
- ⁶⁾ Specimen 1fU (80 mm x 10 mm x 4 mm)
- ⁷⁾ Specimen Type 1BA
- ⁸⁾ Specimen Type 1A

In case of specific questions we gladly offer you our individual support.

Material data sheet

Insulating strips of **Low Lambda PA 66 GF25, dry impact resistant**

Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips	
			Dry ⁽¹⁾	Equilibrium moisture content ⁽²⁾
melting temperature	EN ISO 11357-3	°C	min. 250 ⁽³⁾	min. 250 ⁽³⁾
density	EN ISO 1183-1 or -3	g/cm ³	1.0 +/- 0.1	1.0 +/- 0.1
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	77 +/- 4 ⁽⁴⁾	67 +/- 4 ⁽⁴⁾
impact strength	EN ISO 179-1	kJ/m ²	min. 20 ⁽⁵⁾	min. 30 ⁽⁵⁾
tensile strength	EN ISO 527-2 and -4	N/mm ²	min. 50 ⁽⁶⁾	min. 35 ⁽⁶⁾
Young's modulus	EN ISO 527-2 and -4	N/mm ²	min. 2900 ⁽⁶⁾	min. 1300 ⁽⁶⁾
elongation at break	EN ISO 527-2 and -4	%	min. 3 ⁽⁶⁾	min. 8 ⁽⁶⁾

- ¹⁾ Sample water content less than 0.2 % by weight
- ²⁾ Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
- ³⁾ Maximum temperature 300 °C
- ⁴⁾ Specimen thickness 2 mm, unstacked
- ⁵⁾ Specimen 2fU (50 mm x 10 mm x 2 mm)
- ⁶⁾ Specimen Type 1BA

In case of specific questions we gladly offer you our individual support.

Material data sheet

Insulating strips of **Recycled PA 66 GF25**, dry impact resistant



Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips		Injection-moulded samples
			Dry ⁽¹⁾	Equilibrium moisture content ⁽²⁾	Dry ⁽¹⁾
melting temperature	EN ISO 11357-3	°C	min. 250 ⁽³⁾	min. 250 ⁽³⁾	min. 250 ⁽³⁾
density	EN ISO 1183-1 or -3	g/cm ³	1.3 +/- 0.05	1.3 +/- 0.05	1.3 +/- 0.05
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	82 +/- 4 ⁽⁴⁾	78 +/- 4 ⁽⁴⁾	84 +/- 2
impact strength	EN ISO 179-1	kJ/m ²	min. 30 or without break ⁽⁵⁾	min. 40 or without break ⁽⁵⁾	min. 35 ⁽⁶⁾
tensile strength	EN ISO 527-2 and -4	N/mm ²	min. 80 ⁽⁷⁾	min. 50 ⁽⁷⁾	min. 110 ⁽⁸⁾
Young's modulus	EN ISO 527-2 and -4	N/mm ²	min. 4500 ⁽⁷⁾	min. 2000 ⁽⁷⁾	min. 6000 ⁽⁸⁾
elongation at break	EN ISO 527-2 and -4	%	min. 3 ⁽⁷⁾	min. 7 ⁽⁷⁾	min. 3 ⁽⁸⁾

- ¹⁾ Sample water content less than 0.2 % by weight
- ²⁾ Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
- ³⁾ Maximum temperature 300 °C
- ⁴⁾ Specimen thickness 2 mm, unstacked
- ⁵⁾ Specimen 2fU (50 mm x 10 mm x 2 mm)
- ⁶⁾ Specimen 1fU (80 mm x 10 mm x 4 mm)
- ⁷⁾ Specimen Type 1BA
- ⁸⁾ Specimen Type 1A
- ⁹⁾ The polyamide 66 used consists of 100% post industrial recycled materials.

In case of specific questions we gladly offer you our individual support.

Material data sheet

Insulating strips of **Recycled Low Lambda PA 66 GF25**, dry impact resistant



Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips	
			Dry ⁽¹⁾	Equilibrium moisture content ⁽²⁾
melting temperature	EN ISO 11357-3	°C	min. 250 ⁽³⁾	min. 250 ⁽³⁾
density	EN ISO 1183-1 or -3	g/cm ³	1.0 +/- 0.1	1.0 +/- 0.1
annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5
shore hardness D	EN ISO 868	-	77 +/- 4 ⁽⁴⁾	67 +/- 4 ⁽⁴⁾
impact strength	EN ISO 179-1	kJ/m ²	min. 20 ⁽⁵⁾	min. 30 ⁽⁵⁾
tensile strength	EN ISO 527-2 and -4	N/mm ²	min. 50 ⁽⁶⁾	min. 35 ⁽⁶⁾
Young's modulus	EN ISO 527-2 and -4	N/mm ²	min. 2900 ⁽⁶⁾	min. 1300 ⁽⁶⁾
elongation at break	EN ISO 527-2 and -4	%	min. 3 ⁽⁶⁾	min. 8 ⁽⁶⁾

- ¹⁾ Sample water content less than 0.2 % by weight
- ²⁾ Fast conditioning acc. to EN ISO 1110 (23 °C / 50 %)
- ³⁾ Maximum temperature 300 °C
- ⁴⁾ Specimen thickness 2 mm, unstacked
- ⁵⁾ Specimen 2fU (50 mm x 10 mm x 2 mm)
- ⁶⁾ Specimen Type 1BA
- ⁷⁾ The polyamide 66 used consists of 100% post industrial recycled materials.

In case of specific questions we gladly offer you our individual support.

Cooperation partners

Europe

- Federation of European Window and Curtain Wall Manufacturers' Associations

Belgium & Netherlands

- BUtgb vzw · UBAtc asbl · Belgian Union for Technical Approval in Construction
- FAC · Federatie Aluminium Constructeurs
- VMRG · Vereniging van Metalen Ramen - en Gevefabrikanten

France

- CSTB · Centre Scientifique et Technique du Bâtiment
- SNFA · Syndicat National de la Construction des Fenêtres, Façades et Activités Associées

Germany

- IFT-Rosenheim · Institut für Fenstertechnik e. V.
- FIW-München · Forschungsinstitut für Wärmeschutz e. V.
- IFZ · Informationszentrum Fenster Türen Fassaden e. V.
- VFF · Verband der Fenster- und Fassadenhersteller
- Bundesdeutscher Arbeitskreis für Umweltbewusstes Management (B.A.U.M.) e. V.
- A/U/F Aluminium und Umwelt im Fenster- und Fassadenbau
- EPEA Internationale Umweltforschung GmbH
- Deutsche Gesellschaft für Nachhaltiges Bauen

Great Britain

- CAB · Council for Aluminium in Building
- BFRC · British Fenestration Rating Council

Italy

- UNICMI · Unione nazionale delle Industrie delle Costruzioni Metalliche dell'Involucro e dei serramenti
- AITAL / QUALITAL · Associazione Italiana Trattamenti superficiali Alluminio / Organismo di Certificazione

Portugal

- ANFAJE · Associação Nacional dos Fabricantes de Janelas Eficientes
- APAL · Associação Portuguesa Do Alumínio

Spain

- AEA · Asociación Española del Aluminio y Tratamientos de Superficie
- ASEFAVE · Asociación Española de Fabricantes de Fachadas Ligeras y Ventanas
- Tecnalía Research & Innovation
- ENSATEC · Laboratorio de Ensayos Tecnológicos

The Americas

North America

- FGIA · Fenestration and Glazing Industry Alliance
- AEC · Aluminum Extruders Council
- GANA · Glass Association of North America
- NFRC · National Fenestration Rating Council

South America

- CAIAMA · Cámara Argentina de la Industria del Aluminio y Metales Afines.
- Brasil AFEAL · Associação Nacional de Fabricantes de Esquadrias de Alumínio.
- AMEVEC · Asociación Mexicana de Ventanas y Cerramientos

Asia

China

- CAIGA · China Architectural and Industrial Glass Assn.
- CCMCA · China Construction Metal Structure Assn.
- Hong Kong Facade Association
- National Committee of Standardization for Non-ferrous Metals

Korea

- KAFA · Korea Architectural Facade Association

Singapore

- SGBC · Singapore Green Building Council
- BCA · Building and Construction Authority of Singapore
- ESI · Energy Studies Institute – National University of Singapore

Australasia

Australia & New Zealand

- WGANZ · Window & Glass Association New Zealand
- AGWA · Australian Glass & Window Association
- IGMA · Insulating Glass Manufacturers Alliance

Certifications



Europe

TÜV Certification
according to ISO 9001:2015
Cradle to Cradle Certified™
Gold level Material Health Certificate
Environmental Product Declaration

Germany

TÜV Certification
according to
ISO 14001:2015
ISO 50001:2018
ISO 45001:2018

Italy

TÜV Certification
according to
ISO 14021:2021
RINA Certification
according to ISO 45001

Belgium

ATG Certification

North America

TÜV Certification
according to ISO 9001:2015

Russia

GOST Certification
Cradle to Cradle Certified™
Gold level Material Health Certificate

China

TÜV Certification
according to
ISO 14001:2015
ISO 9001:2015
ISO 45001:2018

Hong Kong

TÜV Certification
according to
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