

Universal Protection GPN 610



www.poeppelmann.com/en/gpn610

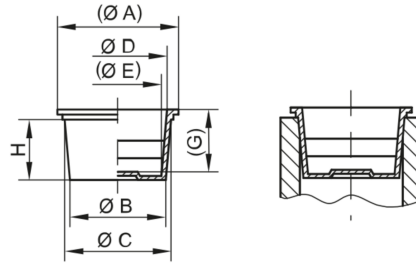
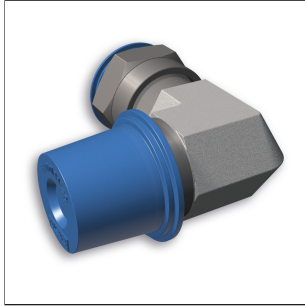
Application

The GPN 610 universal protection can be used as a cap or a plug and protects bore holes and openings as well as bolts and various metric threads and pipe threads. The conical shape is ideal for accommodating tolerances.

All information about 100% PCR and the recycling blend can be found in "Sustainability at Pöppelmann" (see chapter 2) or at www.poeppelmann.com/en/kapsto/Responsibility.html



www.blauer-engel.de/uz30a



PCR-PE
blue

PCR-PE / PE-LD
yellow

PE-LD
yellow

Article	A	B	C	D	E	G	H	100% PCR	Recycling blend	Virgin material
GPN 610 U 1	10	4,4	6,2	4,6	2,8	10,8	10	6100001RB61	61000010073	61000010000
GPN 610 U 2	11	6	7,8	6,2	4,4	10,8	10	6100002RB61	61000020073	61000020000
GPN 610 U 3	13	7,6	9,4	7,8	6	10	10	6100003RB61	61000030073	61000030000
GPN 610 U 4	14	8,4	10,2	8,6	6,8	10	10	6100004RB61	61000040073	61000040000
GPN 610 U 5	14	9,2	11	9,3	7,5	10	10	6100005RB61	61000050073	61000050000
GPN 610 U 6	15	9,9	11,7	10,1	8,3	10	10	6100006RB61	61000060073	61000060000
GPN 610 U 7	16	10,6	12,4	10,8	9	10	10	6100007RB61	61000070073	61000070000
GPN 610 U 8	17	11,3	13,1	11,2	9,5	10	10	6100008RB61	61000080073	61000080000
GPN 610 U 9	18	12,2	14,1	12,5	10,4	12	12	6100009RB61	61000090073	61000090000
GPN 610 U 10	18	12,5	14,6	13,3	11,2	12	12	6100010RB61	61000100073	61000100000
GPN 610 U 11	19	13,5	15,6	14	11,9	12	12	6100011RB61	61000110073	61000110000
GPN 610 U 12	19	14	16,1	14,5	12,4	12	12	6100012RB61	61000120073	61000120000
GPN 610 U 13	21	15	17	15,5	13,2	13	13	6100013RB61	61000130073	61000130000
GPN 610 U 14	22	16,3	18,6	17	14,7	13	13	6100014RB61	61000140073	61000140000
GPN 610 U 15	22	17,3	19,4	17,6	15,5	13	13	6100015RB61	61000150073	61000150000
GPN 610 U 16	24	17,5	20,1	18,5	15,9	15	15	6100016RB61	61000160073	61000160000
GPN 610 U 17	25	18,6	21	19,4	16,8	15	15	6100017RB61	61000170073	61000170000
GPN 610 U 18	25	19	21,6	20	17,4	15	15	6100018RB61	61000180073	61000180000
GPN 610 U 19	27	20,4	23,2	21,6	18,8	16	16	6100019RB61	61000190073	61000190000
GPN 610 U 20	28	20,7	23,5	21,9	19,1	16	16	6100020RB61	61000200073	61000200000
GPN 610 U 21	29	22,2	24,8	23	20,4	16	16	6100021RB61	61000210073	61000210000
GPN 610 U 22	30	23,2	26,3	24,4	21,2	18	18	6100022RB61	61000220073	61000220000
GPN 610 U 23	32	24,5	27,8	26,2	22,9	19	19	6100023RB61	61000230073	61000230000
GPN 610 U 24	33	25,5	29,2	27,7	23,7	19	19	6100024RB61	61000240073	61000240000
GPN 610 U 241	33	26,4	30,4	28,9	24,9	19	19	61000241RB61	610002410073	610002410000
GPN 610 U 25	35	27,8	31,1	29,5	26,2	19	19	6100025RB61	61000250073	61000250000
GPN 610 U 26	37	29,8	32,6	31,1	28,3	16	16	6100026RB61	61000260073	61000260000
GPN 610 U 27	38	31,4	35,1	32,8	29,7	21	21	6100027RB61	61000270073	61000270000
GPN 610 U 28	41	33,3	37,1	35,5	31,7	22	22	6100028RB61	61000280073	61000280000
GPN 610 U 29	45	36,7	40,5	39	35,2	22	22	6100029RB61	61000290073	61000290000
GPN 610 U 291	45	38,4	40,7	39,2	36,9	13	13	6100291RB61	61002910073	61002910000
GPN 610 U 30	48	38,2	43	41,4	36,6	23	23	6100030RB61	61000300073	61000300000
GPN 610 U 31	48	39,6	42,9	41,3	38	19	19	6100031RB61	61000310073	61000310000
GPN 610 U 32	49	41,4	44,7	43	39,7	19	19	6100032RB61	61000320073	61000320000
GPN 610 U 33	51	44,4	47,7	46,1	42,8	19	19	6100033RB61	61000330073	61000330000
GPN 610 U 34	54	45,2	49,2	48	43,6	25	25	6100034RB61	61000340073	61000340000
GPN 610 U 35	55	46,6	50,5	48,7	45,2	25	25	6100035RB61	61000350073	61000350000
GPN 610 U 36	62	52,5	56,9	55,2	50,8	25	25	6100036RB61	61000360073	61000360000
GPN 610 U 37	65	54	59,3	57,8	52,5	25	25	6100037RB61	61000370073	61000370000
GPN 610 U 38	65	54,2	58,6	57	52,6	25	25	6100038RB61	61000380073	61000380000
GPN 610 U 39	67	58,8	62,8	61,1	56,7	25	25	6100039RB61	61000390073	61000390000
GPN 610 U 40	71	60,7	67,1	64,3	57,5	28,5	29	6100040RB61	61000400073	61000400000
GPN 610 U 41	75	67,1	70,4	68,7	65,4	19	19	6100041RB61	61000410073	61000410000
GPN 610 U 42	83	72,4	75,7	74,1	70,8	19	19	6100042RB61	61000420073	61000420000
GPN 610 U 43	92	84,5	87,8	85	82,4	18,5	19	6100043RB61	61000430073	61000430000

Dimensions in mm.

Information on materials, colours, designs and use of our products can be found on the website and in chapter 3 'Materials and application'.

Universal Protection

GPN 610



www.poeppelmann.com/en/gpn610

The articles in the 100% PCR column consist of 98% PCR-PE and 2% colour based on a PIR carrier. The plastic used consists of 100% PCR. The articles in the recycled mixture column consist of a blend of PCR and virgin material. Colour deviations and black dots cannot be completely avoided during production and are permissible for these items. We recommend carrying out functional tests before series production.

Application guide for internal use

Article	Standard thread			Fine thread					Pipe thread
GPN 610 U 1	M 6	M 6 x 0,5	M 6 x 0,75						
GPN 610 U 2	M 8			M 8 x 1					
GPN 610 U 3	M 10			M 9,5 x 1	M 10 x 1,25				G 1/8
GPN 610 U 4	M 11			M 10,5 x 1					
GPN 610 U 5	M 12			M 11 x 1		M 12 x 1,5			
GPN 610 U 6				M 12 x 1	M 12 x 1,25				
GPN 610 U 7	M 14			M 12,5 x 1					G 1/4
GPN 610 U 8				M 13,5 x 1		M 14 x 1,5			
GPN 610 U 9				M 14 x 1 M 15 x 1		M 15 x 1,5			
GPN 610 U 10	M 16			M 14,5 x 1					
GPN 610 U 11				M 16 x 1		M 16 x 1,5	M 17 x 2		
GPN 610 U 12	M 18					M 17 x 1,5			G 3/8
GPN 610 U 13				M 17 x 1		M 18 x 1,5			
GPN 610 U 14	M 20					M 19 x 1,5	M 20 x 2		
GPN 610 U 15						M 20 x 1,5			G 1/2
GPN 610 U 16	M 22			M 20 x 1			M 21 x 2		G 1/2
GPN 610 U 17				M 21 x 1			M 22 x 2		
GPN 610 U 18	M 24					M 22 x 1,5			G 5/8
GPN 610 U 19				M 23 x 1			M 24 x 2		
GPN 610 U 20						M 24 x 1,5			
GPN 610 U 21	M 27					M 25 x 1,5	M 26 x 2		
GPN 610 U 22				M 26 x 1			M 27 x 2	M 28 x 3	G 3/4
GPN 610 U 23	M 30			M 27 x 1		M 28 x 1,5			
GPN 610 U 24				M 29 x 1		M 29 x 1,5	M 30 x 2		G 7/8
GPN 610 U 241	M 33			M 30 x 1		M 30 x 1,5		M 32 x 3	
GPN 610 U 25	M 33			M 31 x 1		M 31 x 1,5	M 32 x 2		G 1
GPN 610 U 26	M 36			M 32 x 1		M 33 x 1,5			
GPN 610 U 27				M 34 x 1		M 35 x 1,5	M 36 x 2		
GPN 610 U 28	M 39			M 36 x 1		M 37 x 1,5		M 39 x 3	G 1 1/8
GPN 610 U 29				M 40 x 1		M 40 x 1,5		M 42 x 3	G 1 1/4
GPN 610 U 291							M 42 x 2		
GPN 610 U 30	M 45			M 42 x 1		M 42 x 1,5		M 45 x 4	
GPN 610 U 31				M 42 x 1				M 45 x 3	G 1 3/8
GPN 610 U 32				M 44 x 1		M 45 x 1,5		M 48 x 4	
GPN 610 U 33	M 52					M 48 x 1,5	M 48 x 2	M 50 x 3	
GPN 610 U 34						M 50 x 1,5	M 50 x 2		M 52 x 4
GPN 610 U 35	M 56			M 50 x 1		M 50 x 1,5		M 52 x 3	
GPN 610 U 36	M 60			M 56 x 1		M 56 x 1,5		M 58 x 3	
GPN 610 U 37	M 64			M 58 x 1		M 58 x 1,5		M 60 x 3	G 2
GPN 610 U 38	M 64			M 58 x 1		M 58 x 1,5		M 60 x 3	G 2
GPN 610 U 39	M 68			M 62 x 1		M 62 x 1,5		M 64 x 3	
GPN 610 U 40				M 65 x 1		M 65 x 1,5			M 68 x 4
GPN 610 U 41				M 70 x 1		M 70 x 1,5		M 72 x 3	
GPN 610 U 42				M 75 x 1		M 76 x 1,5			
GPN 610 U 43								M 90 x 3	

This application table is a guide. We will be happy to send you free test samples. For openings and bores without threads, please select according to functional dimensions B and C.

Application guide for exterior use

Article	Standard thread			Fine thread					Pipe thread
GPN 610 U 1	M 4	M 4 x 0,5							
GPN 610 U 2	M 5	M 5 x 0,5							
GPN 610 U 3	M 7								
GPN 610 U 4	M 8			M 7,5 x 1 M 8 x 1					G 1/16
GPN 610 U 5				M 8,5 x 1					
GPN 610 U 6	M 9			M 9 x 1					
GPN 610 U 7	M 10			M 9,5 x 1					
GPN 610 U 8				M 10 x 1					G 1/8
GPN 610 U 9	M 12			M 10,5 x 1					
GPN 610 U 10				M 12 x 1	M 12 x 1,5				
GPN 610 U 11				M 12,5 x 1					
GPN 610 U 12				M 13 x 1	M 13 x 1,5				G 1/4
GPN 610 U 13	M 14			M 13,5 x 1					
GPN 610 U 14				M 14 x 1	M 14 x 1,5				
GPN 610 U 15	M 16			M 14,5 x 1					
GPN 610 U 16				M 16 x 1	M 16 x 1,5				G 3/8
GPN 610 U 17				M 17 x 1	M 17 x 1,5	M 17 x 2			
GPN 610 U 18	M 18			M 18 x 1	M 18 x 1,5	M 18 x 2			
GPN 610 U 19				M 19 x 1	M 19 x 1,5	M 19 x 2			
GPN 610 U 20	M 20			M 20 x 1	M 20 x 1,5	M 20 x 2			
GPN 610 U 21				M 21 x 1	M 21 x 1,5	M 21 x 2			G 1/2
GPN 610 U 22	M 22			M 22 x 1	M 22 x 1,5	M 22 x 2			
GPN 610 U 23				M 23 x 1	M 23 x 1,5	M 23 x 2			G 5/8
GPN 610 U 24				M 25 x 1	M 25 x 1,5	M 25 x 2			
GPN 610 U 241				M 26 x 1	M 26 x 1,5	M 26 x 2			G 3/4



Article	Standard thread	Fine thread				Pipe thread		
GPN 610 U 241	M 27	M 27 x 1	M 27 x 1,5	M 27 x 2				
GPN 610 U 25		M 28 x 1	M 28 x 1,5	M 28 x 2	M 28 x 3			
GPN 610 U 26	M 30	M 30 x 1	M 30 x 1,5	M 30 x 2	M 30 x 3			G 7/8
GPN 610 U 27		M 32 x 1	M 32 x 1,5	M 32 x 2	M 32 x 3			
GPN 610 U 28		M 34 x 1	M 34 x 1,5	M 34 x 2	M 34 x 3			G 1
GPN 610 U 29		M 37 x 1	M 37 x 1,5	M 37 x 2				G 1 1/8
GPN 610 U 291		M 38 x 1	M 38 x 1,5	M 38 x 2	M 38 x 3			
GPN 610 U 30	M 39	M 39 x 1	M 39 x 1,5	M 39 x 2	M 39 x 3			
GPN 610 U 31		M 40 x 1	M 40 x 1,5	M 40 x 2	M 40 x 3	M 40 x 4		
GPN 610 U 32	M 42	M 42 x 1	M 42 x 1,5	M 42 x 2	M 42 x 3	M 42 x 4		G 1 1/4
GPN 610 U 33	M 45	M 45 x 1	M 45 x 1,5	M 45 x 2	M 45 x 3	M 45 x 4		G 1 3/8
GPN 610 U 35								G 1 1/2
GPN 610 U 36	M 52	M 52 x 1	M 52 x 1,5	M 52 x 2	M 52 x 3	M 52 x 4		G 1 3/4
GPN 610 U 37		M 55 x 1	M 55 x 1,5	M 55 x 2	M 55 x 3	M 55 x 4		
GPN 610 U 38		M 55 x 1	M 55 x 1,5	M 55 x 2	M 55 x 3	M 55 x 4		
GPN 610 U 39		M 60 x 1	M 60 x 1,5	M 60 x 2	M 60 x 3	M 60 x 4		G 2
GPN 610 U 40	M 62	M 62 x 1	M 62 x 1,5	M 62 x 2	M 62 x 3	M 62 x 4		
GPN 610 U 42		M 72 x 1	M 72 x 1,5	M 72 x 2	M 72 x 3	M 72 x 4		

This application table represents guide values. We will be happy to send you free trial samples. For bolts, pins and tube ends please select according to the functional dimensions D and E.

Your added values:



More resource-saving.

This standard series is available from PCR, saves CO2e emissions and conserves resources.



More versatile.

Can be used universally as plug or cap. The tapered design is ideal for accommodating tolerances.



Cleaner.

Production in accordance with VDA Band 19 and ISO 16232 in our cleanroom threads, or to protect studs and external on request.



Better.

To close off bore holes and internal threads.

