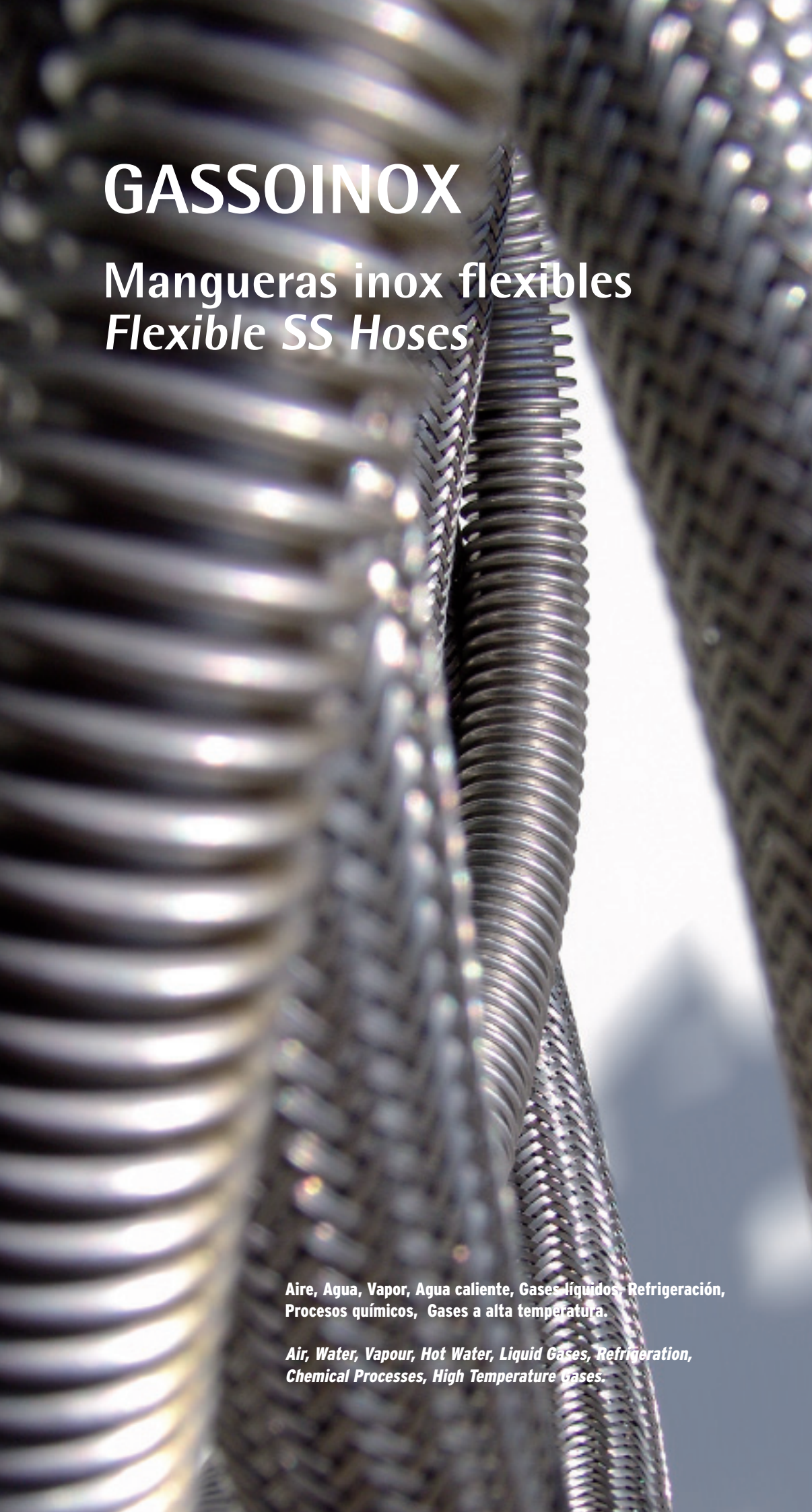




GASSOINOX

Mangueras inox flexibles
Flexible SS Hoses

Aire, Agua, Vapor, Agua caliente, Gases líquidos, Refrigeración,
Procesos químicos, Gases a alta temperatura.

*Air, Water, Vapour, Hot Water, Liquid Gases, Refrigeration,
Chemical Processes, High Temperature Gases.*



GASSÓ

FLEXIBLE HOSES

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NOMINAL DIAMETER



Gassó's range of hoses comprises products which comply with the most prominent international standards and the current European norm EN13618:2017.

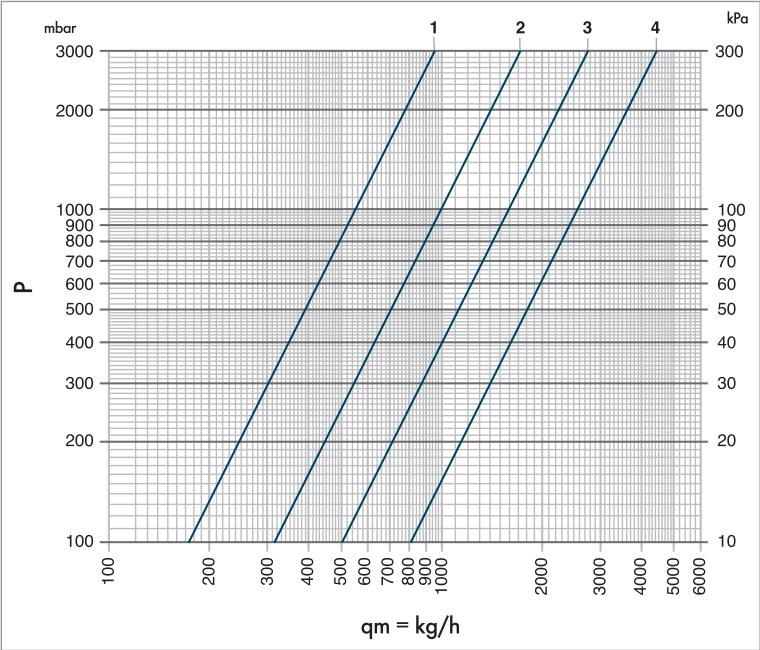
The table below shows the most relevant technical features for every nominal diameter, as well as the availability with silicone, TP, EPDM, PEX and butyl inliner.

Inliner Range	Nominal Diameter	Inner ø mm	Outer ø mm	Min bending radius	Inner fittings ø mm	Flow rate at 3 bar	Max working pressure	Max working temperature	Min working temperature	Available Fittings	Available Braids	Clamping ferrules material
	DN6	6,3	10	40	4,7	16 l/min	10 Bar	70° C	-5° C	Brass, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN8	8,5	12	48	6,2	28 l/min	10 Bar	70° C	-5° C	Brass, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN8	8,5	12,3	48	6,2	28 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN10	9,4	13	56	7,5	46 l/min	10 Bar	70° C	-5° C	Brass, copper, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN10	9,4	13,7	56	7,5	46 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN13	12,5	18	72	10	74 l/min	10 Bar	70° C	-5° C	Brass, copper, stainless steel, plastic	Stainless steel, nylon PA 6.6	Stainless steel
	DN13	12,5	17,8	72	10	74 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN15	15	20	80	12,5	83 l/min	10 Bar	110° C	-5° C	Brass, copper, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel
	DN15	15	19,8	80	12,5	83 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN18	19	26	104	15,5	200 l/min	10 Bar	110° C	-5° C	Brass, copper, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel, aluminium
	DN18	19	25,7	104	15,5	200 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN25	25,5	33	132	21	280 l/min	10 Bar	110° C	-5° C	Brass, copper, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel, aluminium
	DN25	25,5	32,8	132	21	280 l/min	10 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN32	32	42	168	27	490 l/min	6 Bar	110° C	-5° C	Brass, stainless steel, galvanised steel	Stainless steel, galvanised steel	Stainless steel, aluminium
	DN32	32	41,6	168	27	490 l/min	6 Bar	90° C	-20° C	Brass	Stainless steel	Stainless steel
	DN40	40	53	212	32	800 l/min	6 Bar	110° C	-5° C	Brass, stainless steel, galvanised steel	Stainless steel, galvanised steel	Aluminium
	DN50	50	65	275	41	1300 l/min	6 Bar	110° C	-5° C	Brass, stainless steel, galvanised steel	Stainless steel, galvanised steel	Aluminium

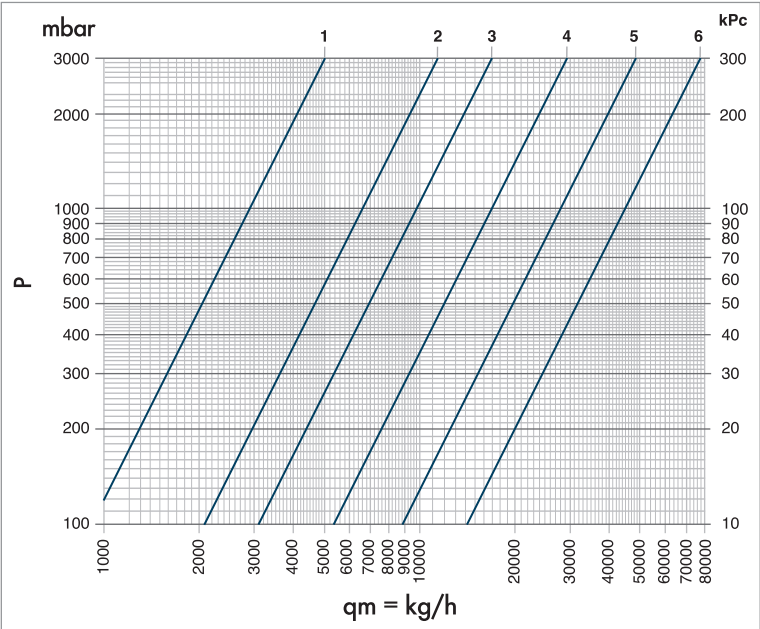
 Silicone
  EPDM
  Thermoplastic
  PEX
  Butyl

Please contact our technical department for further information

Flow capacity diagram on hoses with straight fittings, length 1400 mm.



HOSE DIMENSIONS	POS	Kv	Flow l/min con ΔP 3 bar
DN 6	1	0,55	16
DN 8	2	0,97	28
DN 10	3	1,59	46
DN 13	4	2,56	74



HOSE DIMENSIONS	POS	Kv	Flow l/min con ΔP 3 bar
DN 15	1	2,9	83
DN 18	2	6,6	200
DN 25	3	9,8	280
DN 30	4	17	490
DN 40	5	28	800
DN 50	6	45	1300

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TYPE OF FITTINGS

Inliner Range	Nominal Diameter				
- Silicone - EPDM - Thermoplastic - PEX	DN6	Short male M 8x1 - 18 mm M 10x1 - 18 mm M 11x1 - 20 mm		Medium male M 8x1 - 44 mm M 10x1 - 44 mm	
		Long male M 8x1 - 74 mm M 10x1 - 74 mm		Smooth Pipe ø 10 mm	
		Safety end Pipe ø 8 mm ø 10 mm		Female without gasket G 1/4 - G 3/8 - G 1/8 G 1/2 - M 10x1 M 15x1 M 12x1 - 9/16 - 24 unef	
		Collar G 1/2		Male G 1/8 G 3/8 G 1/2	
		Swivel Male M 12x1 M 15x1 G 3/8		Female with gasket G 3/8 - G 1/2 M 10x1 - M 15x1 9/16 - 24 unef	

Inliner Range	Nominal Diameter				
- Silicone - EPDM - Thermoplastic - Butyl	DN8	Short male M 10x1 - 18 mm M 11x1 - 19 mm M 12x1 - 19 mm		Medium male M 10x1 - 46 mm M 12x1 - 43 mm	
		Long male M 10x1 - 74 mm M 12x1 - 75 mm		Smooth Pipe ø 10 mm ø 15 mm	
		Safety end Pipe ø 10 mm		Male G 1/4 G 3/8 G 1/2 G 3/4	
		Female without gasket G 1/4 - G 3/8 - G 1/2 G 3/4 - M 15x1		Elbow Female without gasket G 1/4 - G 3/8 G 1/2 - G 3/4	
		Compressor Fitting ø 10 mm ø 12 mm ø 14 mm ø 15 mm		Swivel Male M 15x1 G 3/8 G 1/2	
		Collar G 1/2		Female with o-ring G 3/8	
		Elbow Female with o-ring G 3/8		Female with gasket G 3/8 - G 1/2 G 3/4 - 1/2 NPSM 9/16 - 24 unef	
		Elbow Female with gasket G 3/8 - G 1/2 G 3/4		Extended Male G 3/8 - 26 mm G 1/2 - 28 mm	
		Push-Fit Fitting ø 8			

● Silicone ● EPDM ● Thermoplastic ● PEX ● Butyl

Please contact our technical department for further information

Inliner Range	Nominal Diameter						
EPDM Thermoplastic Butyl	DN10	Short male M 12x1 - 16 mm 	Male G 1/4 G 3/8 G 1/2 	Female without gasket G 3/8 G 1/2 G 3/4 	Elbow Female without gasket G 3/8 G 1/2 G 3/4 		
		Compressor Fitting ø 10 mm ø 12 mm ø 14 mm ø 15 mm 	Wings Female with or without o-ring G 1/2 	Swivel Male G 3/8 G 1/2 	Brass Push-Fit ø 12 		
		Female with gasket G 3/8 - G 1/2 G 3/4 	Elbow Female with gasket G 1/2 - G 3/4 	Extended Male G 3/8 - 26 mm G 1/2 - 28 mm 			

Inliner Range	Nominal Diameter								
Silicone EPDM Thermoplastic Butyl	DN13	Male G 3/8 G 1/2 G 3/4		Female without gasket G 3/8 G 1/2 G 3/4		Elbow Female without gasket G 1/2 G 3/4 G 1"		Smooth Pipe ø 15 mm	
		Safety end Pipe ø 15 mm		Compressor Fitting ø 12 mm ø 15 mm		Brass Push-Fit ø 12		Female with gasket G 1/2 - G 3/4	
		Elbow Female with gasket G 1/2 - G 3/4		Extended Male G 1/2 - 28 mm					

Inliner Range	Nominal Diameter						
EPDM Butyl	DN15	Male G 1/2 G 3/4 	Female G 1/2 G 3/4 	Elbow Female G 1/2 G 3/4 	Smooth Pipe ø 15 mm 		

Inliner Range	Nominal Diameter								
Silicone EPDM Butyl	DN18	Male G 3/4 G 1"		Female G 3/4 G 1"		Elbow Female G 3/4 G 1"		Smooth Pipe ø 22 mm	

Inliner Range	Nominal Diameter								
Silicone EPDM Butyl	DN25	Male G 1"		Female G 1" G 1" 1/4 G 1" 1/2		Elbow Female G 1"		Smooth Pipe ø 28 mm	

Inliner Range	Nominal Diameter						
Silicone EPDM Butyl	DN32	Male G 1" 1/4		Female G 1" 1/4		Elbow Female G 1" 1/4	

Inliner Range	Nominal Diameter		
EPDM	DN40	Male G 1" 1/2	Female G 1" 1/2

Inliner Range	Nominal Diameter		
EPDM	DN50	Male G 2"	Female G 2"

FLEXIBLE HOSES

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APPROVALS

Nominal Diameter	
DN6	 IT-01-KIGM13 Nation: Italy  Certification: DM 174  Inliner Range: 
	 Nation: France  Certification: QB  Inliner Range: 
	 Nation: Holland  Certification: KIWA  Inliner Range: 
	 Nation: USA  Certification: NSF - IAPMO  (NSF - IAPMO)  (NSF) Inliner Range:  (NSF - IAPMO)  (NSF)

 Nation: Australia  Certification: WATERMARK  Inliner Range: 
 Nation: Germany  Certification: DVGW  Inliner Range: 
 Nation: Switzerland  Certification: SVGW  Inliner Range: 
 Nation: UE  Certification: EN 13618  Inliner Range: 

 Nation: Denmark  Certification: VA  Inliner Range: 
 Nation: Norway  Certification: SINTEF  Inliner Range: 
 Nation: Sweden  Certification: RISE  Inliner Range: 
 Nation: UK  Certification: WRAS  Inliner Range: 

Nominal Diameter								
DN8	<table><tr><td rowspan="3"> IT-01-K0413</td><td>Nation: Italy</td><td></td></tr><tr><td>Certification: DM 174</td><td></td></tr><tr><td>Inliner Range:</td><td></td></tr></table>	 IT-01-K0413	Nation: Italy		Certification: DM 174		Inliner Range:	  
	 IT-01-K0413		Nation: Italy					
			Certification: DM 174					
		Inliner Range:	  					
	<table><tr><td rowspan="3"></td><td>Nation: France</td><td></td></tr><tr><td>Certification: QB</td><td></td></tr><tr><td>Inliner Range:</td><td></td></tr></table>		Nation: France		Certification: QB		Inliner Range:	  
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			Certification: QB					
		Inliner Range:	  					
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			Certification: DVGW - TÜV					
		Inliner Range:	 (DVGW - TÜV)  (DVGW)					
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		Certification: KIWA						
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<table><tr><td rowspan="3"></td><td>Nation: USA</td><td></td></tr><tr><td>Certification: NSF - IAPMO</td><td></td></tr><tr><td>Inliner Range:</td><td></td></tr></table>	 	Nation: USA		Certification: NSF - IAPMO		Inliner Range:	  	
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		Certification: NSF - IAPMO						
	Inliner Range:	  						
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EN 13618		Nation: UE						
		Certification: EN 13618						
	Inliner Range:	  						
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		Nation: UK						
		Certification: WRAS						
	Inliner Range:	  						

 Silicone
  EPDM
  Thermoplastic
  PEX

Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter. Please refer to www.nsf.org for a complete list of NSF approved products. Please refer to www.iapmo.org for a complete list of UPC/cUPC approved products.

Nominal Diameter	
DN10	 IT-01-K0413 Nation: Italy Certification: DM 174 Inliner Range: 
	 Nation: France Certification: QB Inliner Range: 
	 KIWA Nation: Holland Certification: KIWA Inliner Range: 
	 Nation: USA Certification: NSF - IAPMO Inliner Range: 
	 Nation: Australia Certification: WATERMARK Inliner Range: 
	 Nation: Germany Certification: DVGW - TÜV Inliner Range:  (TÜV) (DVGW)
	 Nation: Switzerland Certification: SVGW Inliner Range: 
	 Nation: UE Certification: EN 13618 Inliner Range: 
	 Nation: Denmark Certification: VA Inliner Range: 
	 Nation: Norway Certification: SINTEF Inliner Range: 
	 Nation: Sweden Certification: RISE Inliner Range: 
	 Nation: UK Certification: WRAS Inliner Range: 

Nominal Diameter															
DN13			Nation: Italy 			Nation: Australia 			Nation: Denmark 						
	Certification: DM 174			Certification: WATERMARK			Certification: VA								
	Inliner Range:   			Inliner Range:   			Inliner Range:  								
			Nation: France 	 		Nation: Germany 			Nation: Norway 						
	Certification: QB			Certification: DVGW - TÜV			Certification: SINTEF								
	Inliner Range:   			Inliner Range:  (DVGW - TÜV)  (TÜV)  (DVGW)			Inliner Range:  								
			Nation: Holland 			Nation: Switzerland 			Nation: Sweden 						
	Certification: KIWA			Certification: SVGW			Certification: RISE								
	Inliner Range:  			Inliner Range:  			Inliner Range:  								
	 		Nation: USA 	EN 13618		Nation: UE 			Nation: UK 						
	Certification: NSF - IAPMO			Certification: EN 13618			Certification: WRAS								
	Inliner Range:   			Inliner Range:   			Inliner Range:   								

 Silicone
  EPDM
  Thermoplastic
  PEX

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Nominal Diameter						
DN15		Nation: France 		Nation: Germany 	EN 13618 	
		Certification: QB		Certification: TÜV		
		Inliner Range: 			Inliner Range: 	
Nominal Diameter						
DN18		Nation: France 	 	Nation: Germany 	EN 13618 	
		Certification: QB		Certification: DVGW - TÜV		
		Inliner Range: 		Inliner Range:  (DVGW - TÜV)  (TÜV)		
		Nation: UK 			Certification: WRAS	Inliner Range: 
Nominal Diameter						
DN25		Nation: France 	 	Nation: Germany 	EN 13618 	
		Certification: QB		Certification: DVGW - TÜV		
		Inliner Range: 			Inliner Range:  (DVGW - TÜV)  (TÜV)	
Nominal Diameter						
DN32		Nation: France 	 	Nation: Germany 		
		Certification: QB		Certification: DVGW - TÜV		
		Inliner Range: 			Inliner Range:  (DVGW - TÜV)  (TÜV)	
Nominal Diameter						
DN40		Nation: France 		Nation: Germany 		
		Certification: QB		Certification: TÜV		
		Inliner Range: 			Inliner Range: 	
Nominal Diameter						
DN50		Nation: France 		Nation: Germany 		
		Certification: QB		Certification: TÜV		
		Inliner Range: 			Inliner Range: 	

 Silicone  EPDM

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