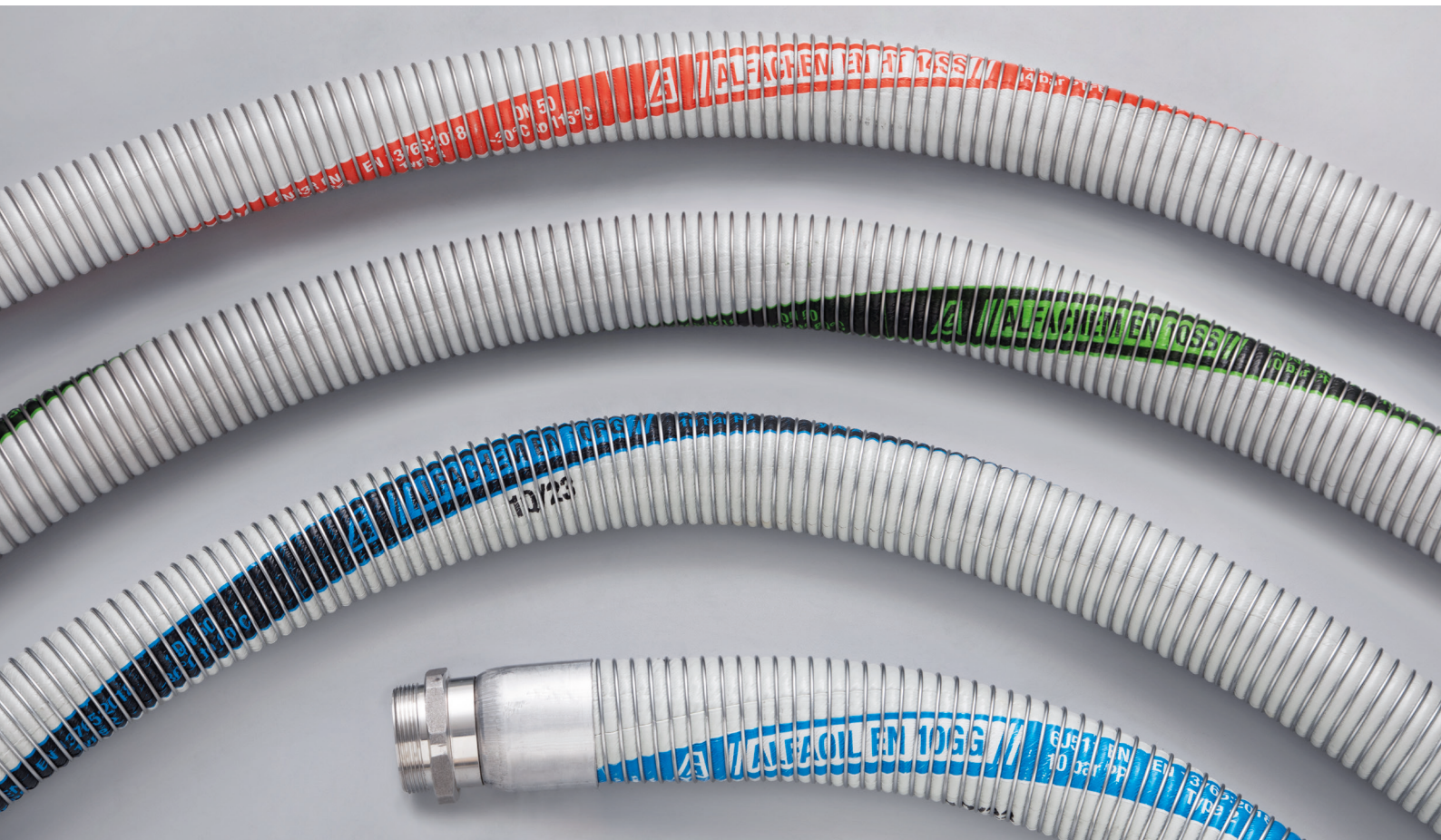


# ALFAGOMMA

## COMPOSITE HOSE & FITTINGS





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## // COMPOSITE HOSE & FITTINGS

Alfagomma complete range of composite hose and fittings is suitable for different applications in the petrochemical industry.

All products are **specially designed** to **guarantee maximum safety in chemical and hydrocarbons transfer** according to current legislations.

### // HOSE

- **PP, PTFE or PES tube** to guarantee the appropriate chemical and temperature resistance.
- **Inner and outer wire** available in **Polypropylene coated steel, Galvanized steel or Stainless steel** depending on the conveyed medium.
- **Full compliance to EN 13765: 2018**
  - // 4:1 safety factor
  - // Flame resistance: 3 minutes exposure at naked flame
  - // Electrically continuous hose assemblies

### // FITTINGS

- **Helical hose shank** suitable for Alfagomma composite hoses.
- **Assorted connection styles** to match market and customer needs:
  - // BSPP, NPT male thread
  - // BSPP swivel female thread (with pin lugs or with hexagone)
  - // Cam & Groove MIL A-A-59326 (ex MIL-C-27487)
  - // Symmetric Guillemin NF E 29.572
  - // PN16, ASA150 and TTMA flange
- Available in **different materials** (Aluminum, AISI 316, Brass, PP, Plated Steel) to cater the application requirements, depending on the transported medium.
- The coupling system offered is completed by a full range of **smooth ferrules** in Aluminum and AISI 304 and proper **crimping seal** in NBR or FKM-FPM (Viton®).

- Additional wide selection of **industrial screw-on or welded adapters** and **accessories in various materials** for the specific requirements of the applications and customers:
  - // Autolock Cam & Groove with safety lock handle system EN 14420-7 (former DIN 2828)
  - // Autolock Cam & Groove with safety lock handle system MIL A-A-59326 (former MIL-C-27487)
  - // API RP 1004 tank coupler
  - // Tankwagen EN 14420-6 (former DIN 28450)
  - // Dry Disconnect couplings (hose unit and tank unit)
  - // DIN 11851 hygienic couplings

*Consult also Alfagomma Head Office Industrial fitting catalogue for further needs.*

- **Hose assemblies:**
  - // Delivered complete with Pressure test certificate
  - // TMD approval available on request
  - // Suitable for use in potentially explosive environments (ATEX regulated zones).  
Contact Alfagomma Sales Teams for your specific requirements.



Autolock Cam &amp; Groove

API RP 1004

Tankwagen

Dry Disconnect

DIN 11851



Tankwagen (Female &amp; Male)

Symmetric Guillemin

Cam &amp; Groove (Female &amp; Male)

# // HOSE & FITTINGS SOLUTIONS

## COMPOSITE HOSE

ALFAGOMMA

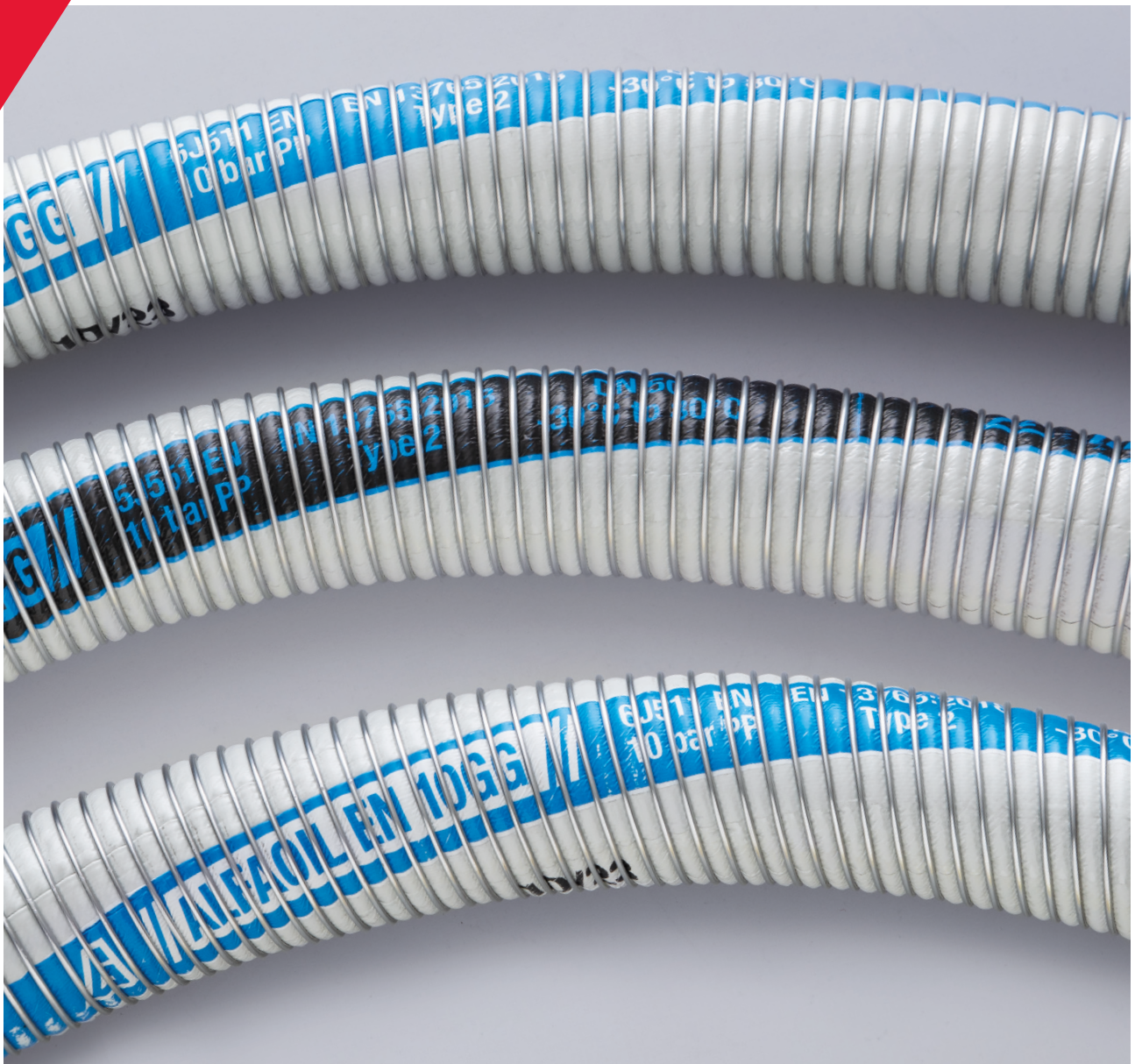
Hose			Tube	Inner wire	Outer wire	WP / BP (bar / psi)	ID range (mm / in)	
CHEMICAL	ALFACHEM EN 10PG	5J551 EN B		PP	PP	CS	10 / 40 bar 150 / 600 psi	25-100 mm 1" - 4"
	ALFACHEM EN 10PS	5J553 EN B		PP	PP	SS	10 / 40 bar 150 / 600 psi	50-100 mm 2" - 4"
	ALFACHEM EN 10SS	5J533 EN B		PP	SS	SS	10 / 40 bar 150 / 600 psi	50-100 mm 2" - 4"
	ALFACHEM EN HT 14SS	5N333 EN B		PTFE	SS	SS	14 / 56 bar 200 / 800 psi	25-100 mm 1" - 4"
HYDROCARBONS	ALFAOIL EN 10GG	6J511 EN B		PP	CS	CS	10 / 40 bar 150 / 600 psi	50-100 mm 2" - 4"
	ALFAOIL EN HT 14GG	6N111 EN B		PES	CS	CS	14 / 56 bar 200 / 800 psi	50-100 mm 2" - 4"

AL = aluminium  
 CS= carbon steel  
 PES = polyester  
 PP = polypropylene  
 PTFE = polytetra-flouroethylene  
 SS = stainless steel

			COMPOSITE HOSE FITTINGS			
			Helical hose shank for composite hose			
Standard	Flame resistant	Temperature range (°C / F°)	Threaded fitting male & female	Cam & Groove	Symmetric Guillemín NF E 29.572	Flange PN16 - ASA150 TTMA
			AL / SS316 / Brass / PP	AL / SS316	AL / SS316 / Brass	Plated Steel / SS316
EN 13765 Type 2		-30 +80 °C -22 +176 °F	●	●	●	●
EN 13765 Type 2		-30 +80 °C -22 +176 °F	●	●	●	●
EN 13765 Type 2		-30 +80 °C -22 +176 °F	●	●	●	●
EN 13765 Type 3		-30 +115 -22 +239 °F	●	●	●	●

EN 13765 Type 2		-30 +80 °C -22 +176 °F	●	●	●	●
EN 13765 Type 3		-30 +100 °C -22 + 212 °F	●	●	●	●





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Design and dimensions shown may be changed without prior notice

## // CHEMICAL

// ALFACHEM EN 10PG - 5J551 EN B **NEW****Acid-chemical S&D 10 bar (150 psi) - Standard duty****EN 13765 Type 2****Inner wire:** polypropylene coated steel wire.**Tube:** polypropylene film.**Cover:** grey PVC coated fabric with helicoidal black stripe-blue letters.**Outer wire:** galvanised steel wire.**Application:** acid and chemical suction and delivery.

Specially designed for tank truck applications.

**Temperature:** -30 °C +80 °C (-22 °F +176 °F)**Electrical conductivity:** ensured by the two wires in contact with fittings.**Electrical resistance:** ≤ 2,5 Ω/m up to DN 50 mm (2")  
≤ 1,0 Ω/m over DN 50 mm (2")

Item Code	Product Code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016461	5J551ENB025375XHU	25,0	1"	39,0	1,54	10	150	40	600	125	4,92	90,00	0,990	0,67	30,000
2017312	5J551ENB032445XHU	32,0	1 1/4"	44,0	1,73	10	150	40	600	150	5,91	90,00	1,020	0,69	30,000
2017314	5J551ENB040535XHU	40,0	1 9/16"	53,0	2,09	10	150	40	600	150	5,91	90,00	1,510	1,02	30,000
2016463	5J551ENB050645XHU	50,0	2"	64,0	2,52	10	150	40	600	200	7,87	90,00	1,630	1,10	30,000
2017310	5J551ENB065785XHU	65,0	2 9/16"	78,0	3,07	10	150	40	600	200	7,87	90,00	2,450	1,65	30,000
2017286	5J551ENB080945XHU	80,0	3 1/8"	94,0	3,70	10	150	40	600	300	11,81	90,00	3,100	2,09	30,000
2016956	5J551ENB100225XHU	100,0	4"	122,0	4,80	10	150	40	600	400	15,75	90,00	4,960	3,34	30,000

// ALFACHEM EN 10PS - 5J553 EN B **NEW****Acid-Chemical S&D 10 bar (150 psi) - Standard duty****EN 13765 Type 2****Inner wire:** polypropylene coated steel wire.**Tube:** polypropylene film.**Cover:** grey PVC coated fabric with helicoidal black stripe-white letters.**Outer wire:** stainless steel wire.**Application:** acid and chemical suction and delivery.

Specially designed for tank truck applications.

**Temperature:** -30 °C +80 °C (-22 °F +176 °F)**Electrical conductivity:** ensured by the two wires in contact with fittings.**Electrical resistance:** ≤ 2,5 Ω/m up to DN 50 mm (2")  
≤ 1,0 Ω/m over DN 50 mm (2")

Item Code	Product Code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016467	5J553ENB050645XGU	50,0	2"	64,0	2,52	10	150	40	600	200	7,87	90,00	1,690	1,14	30,000
2017322	5J553ENB065785XGU	65,0	2 9/16"	78,0	3,07	10	150	40	600	200	7,87	90,00	2,360	1,59	30,000
2017320	5J553ENB080945XGU	80,0	3 1/8"	94,0	3,70	10	150	40	600	300	11,81	90,00	3,100	2,09	30,000
2016954	5J553ENB100225XGU	100,0	4"	122,0	4,80	10	150	40	600	400	15,75	90,00	5,900	3,97	30,000

// ALFACHEM EN 10SS - 5J533 EN B **NEW**



**Acid-chemical S&D 10 bar (150 psi) - Standard duty**

**EN 13765 Type 2**

**Inner wire:** stainless steel wire.

**Tube:** polypropylene film.

**Cover:** grey PVC coated fabric with helicoidal black stripe-green letters.

**Outer wire:** stainless steel wire.

**Application:** acid and chemical suction and delivery.

Specially designed for tank cleaning.

**Temperature:** -30 °C +80 °C (-22 °F +176 °F)

**Electrical conductivity:** ensured by the two wires in contact with fittings.

**Electrical resistance:** ≤ 2,5 Ω/m up to DN 50 mm (2")  
≤ 1,0 Ω/m over DN 50 mm (2")

Item Code	Product Code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016471	5J533ENB050645XFU	50,0	2"	64,0	2,52	10	150	40	600	200	7,87	90,00	1,880	1,27	30,000
2017330	5J533ENB065775XFU	65,0	2 9/16"	77,0	3,03	10	150	40	600	200	7,87	90,00	1,920	1,30	30,000
2017332	5J533ENB080935XFU	80,0	3 1/8"	93,0	3,66	10	150	40	600	300	11,81	90,00	2,970	2,00	30,000
2016952	5J533ENB100225XFU	100,0	4"	122,0	4,80	10	150	40	600	400	15,75	90,00	6,500	4,37	30,000

// ALFACHEM EN HT 14SS - 5N333 EN B **NEW**



**Acid-chemical S&D 14 bar (200 psi) - Heavy Duty - PTFE**

**EN 13765 Type 3**

**Inner wire:** stainless steel wire.

**Tube:** PTFE film.

**Cover:** grey PVC coated fabric with helicoidal red stripe-white letters.

**Outer wire:** stainless steel wire.

**Application:** acid, chemical, fuel and solvents suction and delivery.

Specially designed for long service life in heavy duty applications where high temperature resistance is required.

**Temperature:** -30 °C +115 °C (-22 °F +239 °F)

**Electrical conductivity:** ensured by the two wires in contact with fittings.

**Electrical resistance:** ≤ 2,5 Ω/m up to DN 50 mm (2")  
≤ 1,0 Ω/m over DN 50 mm (2")

Item Code	Product Code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016473	5N333ENB025375XLU	25,0	1"	37,0	1,46	14	200	56	800	200	7,87	90,00	1,140	0,77	30,000
2017334	5N333ENB040535XLU	40,0	1 9/16"	53,0	2,09	14	200	56	800	200	7,87	90,00	1,300	0,88	30,000
2016475	5N333ENB050645XLU	50,0	2"	64,0	2,52	14	200	56	800	225	8,86	90,00	1,810	1,22	30,000
2017336	5N333ENB065785XLU	65,0	2 9/16"	78,0	3,07	14	200	56	800	225	8,86	90,00	2,800	1,89	30,000
2017338	5N333ENB080945XLU	80,0	3 1/8"	94,0	3,70	14	200	56	800	350	13,78	90,00	3,940	2,65	30,000
2016950	5N333ENB100225XLU	100,0	4"	122,0	4,80	14	200	56	800	400	15,75	90,00	6,460	4,35	30,000

Design and dimensions shown may be changed without prior notice

## // HYDROCARBONS

// ALFAOIL EN 10 GG - 6J511 EN B **NEW****Fuel-oil S&D 10 bar (150 psi) - Standard duty  
EN 13765 Type 2****Inner wire:** galvanised steel wire.**Tube:** polypropylene film.**Cover:** grey PVC coated fabric with helicoidal blue stripe-white letters.**Outer wire:** galvanised steel wire.**Application:** fuel and oil suction and delivery.

Specially designed for tank truck applications.

**Temperature:** -30 °C +80 °C (-22 °F +176 °F)**Electrical conductivity:** ensured by the two wires in contact with fittings.**Electrical resistance:** ≤ 2,5 Ω/m up to DN 50 mm (2")

≤ 1,0 Ω/m over DN 50 mm (2")

Item Code	Product Code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016457	6J511ENB025376WGU	25,0	1"	37,0	1,46	10	150	40	600	125	4,92	90,00	1,120	0,76	30,000
2017316	6J511ENB040536WGU	40,0	1 9/16"	53,0	2,09	10	150	40	600	150	5,91	90,00	1,720	1,16	30,000
2016459	6J511ENB050646WGU	50,0	2"	64,0	2,52	10	150	40	600	200	7,87	90,00	1,820	1,23	30,000
2017318	6J511ENB065776WGU	65,0	2 9/16"	77,0	3,03	10	150	40	600	200	7,87	90,00	1,920	1,30	30,000
2017291	6J511ENB080936WGU	80,0	3 1/8"	93,0	3,66	10	150	40	600	300	11,81	90,00	2,700	1,82	30,000
2016946	6J511ENB100186WGU	100,0	4"	118,0	4,65	10	150	40	600	400	15,75	90,00	4,200	2,83	30,000

// ALFAOIL EN HT 14GG - 6N111 EN B **NEW****Fuel-oil S&D 14 bar (200 psi) - Heavy duty -  
High temperature  
EN 13765 Type 3****Inner wire:** galvanised steel wire.**Tube:** polyester film.**Cover:** grey PVC coated fabric with helicoidal blue stripe-black letters.**Outer wire:** galvanised steel wire.**Application:** fuel and oil suction and delivery.

Specially designed for long service life in heavy duty applications where high temperature resistance is required.

**Temperature:** -30 °C +100 °C (-22 °F +212 °F)**Electrical conductivity:** ensured by the two wires in contact with fittings.**Electrical resistance:** ≤ 2,5 Ω/m up to DN 50 mm (2")

≤ 1,0 Ω/m over DN 50 mm (2")

Item Code	Product Code	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)	Length (m)
2016477	6N111ENB025376WLU	25,0	1"	37,0	1,46	14	200	56	800	200	7,87	90,00	1,190	0,80	30,000
2017348	6N111ENB032446WLU	32,0	1 1/4"	44,0	1,73	14	200	56	800	200	7,87	90,00	1,400	0,95	30,000
2017295	6N111ENB040536WLU	40,0	1 9/16"	53,0	2,09	14	200	56	800	200	7,87	90,00	1,790	1,21	30,000
2016479	6N111ENB050646WLU	50,0	2"	64,0	2,52	14	200	56	800	225	8,86	90,00	1,860	1,26	30,000
2017350	6N111ENB065786WLU	65,0	2 9/16"	78,0	3,07	14	200	56	800	225	8,86	90,00	2,500	1,69	30,000
2017300	6N111ENB080946WLU	80,0	3 1/8"	94,0	3,70	14	200	56	800	350	13,78	90,00	3,800	2,56	30,000
2016948	6N111ENB100226WLU	100,0	4"	122,0	4,80	14	200	56	800	400	15,75	90,00	6,640	4,47	30,000



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Design and dimensions shown may be changed without prior notice

## // THREADED FITTING

## // I5206100

## COMBINATION NIPPLE

BSPP Male - Helical hose shank for composite hose - Aluminium



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2304567	I5206100-025034	1"	25,0	BSPP	1"	25,0
2309910	I5206100-032042	1 1/4"	32,0	BSPP	1"1/4	32,0
2300740	I5206100-040049	1 9/16"	40,0	BSPP	1"1/2	38,0
2300741	I5206100-050060	2"	50,0	BSPP	2"	51,0
2300742	I5206100-065076	2 9/16"	65,0	BSPP	2"1/2	63,0
2300743	I5206100-080090	3 1/8"	80,0	BSPP	3"	76,0
2300744	I5206100-100114	4"	100,0	BSPP	4"	102,0

## // I3206100

## COMBINATION NIPPLE

BSPP Male - Helical hose shank for composite hose - Stainless steel 316



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2300729	I3206100-025034	1"	25,0	BSPP	1"	25,0
2300730	I3206100-032042	1 1/4"	32,0	BSPP	1"1/4	32,0
2300731	I3206100-040049	1 9/16"	40,0	BSPP	1"1/2	40,0
2300732	I3206100-050060	2"	50,0	BSPP	2"	50,0
2300733	I3206100-065076	2 9/16"	65,0	BSPP	2"1/2	65,0
2300734	I3206100-080090	3 1/8"	80,0	BSPP	3"	80,0
2300735	I3206100-100114	4"	100,0	BSPP	4"	100,0

## // I8206100

## COMBINATION NIPPLE

BSPP Male - Helical hose shank for composite hose - Brass



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2300772	I8206100-050060	2"	50,0	BSPP	2"	51,0
2300759	I8206100-080090	3 1/8"	80,0	BSPP	3"	76,0

**// IP206100**

**COMBINATION NIPPLE**

**BSPP Male - Helical hose shank for composite hose - PP**



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2300711	IP206100-040049	1 9/16"	40,0	BSPP	1"1/2	38,0
2300712	IP206100-050060	2"	50,0	BSPP	2"	51,0
2300713	IP206100-080090	3 1/8"	80,0	BSPP	3"	76,0
2300714	IP206100-100114	4"	100,0	BSPP	4"	102,0

FITTINGS

**// I3228100**

**COMBINATION NIPPLE**

**NPT Male - Helical hose shank for composite hose - Stainless steel 316**



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2307626	I3228100-050060	2"	50,0	NPT	2"	51,0
2307627	I3228100-080090	3 1/8"	80,0	NPT	3"	76,0
2306670	I3228100-100114	4"	100,0	NPT	4"	100,0

**// I3206200**

**FEMALE THREADED FITTING**

**BSPP swivel Female - Helical hose shank for composite hose - Stainless steel 316**



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2310075	I3206200-025034	1"	25,0	BSPP	1"	25,0
2310076	I3206200-032042	1 1/4"	32,0	BSPP	1"1/4	32,0
2310077	I3206200-040049	1 9/16"	40,0	BSPP	1"1/2	38,0
2310078	I3206200-050060	2"	50,0	BSPP	2"	51,0
2310079	I3206200-065076	2 9/16"	65,0	BSPP	2"1/2	63,0
2310080	I3206200-080090	3 1/8"	80,0	BSPP	3"	76,0
2310081	I3206200-100114	4"	100,0	BSPP	4"	102,0

Design and dimensions shown may be changed without prior notice

## // I328L206

**LUGGED COUPLING****BSPP Pin Lug swivel female - Helical hose shank for composite hose - Stainless steel 316**

Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2310071	I328L206-050060	2"	50,0	BSPP	2"	51,0
2310072	I328L206-080090	3 1/8"	80,0	BSPP	3"	76,0

## // I828L206

**LUGGED COUPLING****BSPP Pin Lug swivel female - Helical hose shank for composite hose - Brass**

Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)
2310073	I828L206-050060	2"	50,0	BSPP	2"	51,0
2310074	I828L206-080090	3 1/8"	80,0	BSPP	3"	76,0

## // CAM & GROOVE

### // I529C200

**CAM & GROOVE MIL A-A-59326D (former MIL C-27487)**  
**Type C - Coupler, helical hose shank for composite hose - Aluminium**



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2310082	I529C200-050051	2"	50,0	2"	51,0
2310083	I529C200-080076	3 1/8"	80,0	3"	76,0
2310084	I529C200-100102	4"	100,0	4"	102,0

### // I329C200

**CAM & GROOVE MIL A-A-59326D (former MIL C-27487)**  
**Type C - Coupler, helical hose shank for composite hose - Stainless steel 316**



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2309918	I329C200-025025	1"	25,0	1"	25,0
2309919	I329C200-032032	1 1/4"	32,0	1 1/4"	32,0
2309920	I329C200-040038	1 9/16"	40,0	1 1/2"	38,0
2309921	I329C200-050051	2"	50,0	2"	51,0
2309922	I329C200-065063	2 9/16"	65,0	2 1/2"	63,0
2309923	I329C200-080076	3 1/8"	80,0	3"	76,0
2309924	I329C200-100102	4"	100,0	4"	102,0

### // I529C100

**CAM & GROOVE MIL A-A-59326D (former MIL C-27487)**  
**Type E - Adapter, helical hose shank for composite hose - Aluminium**



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2310085	I529C100-050051	2"	50,0	2"	51,0
2310086	I529C100-080076	3 1/8"	80,0	3"	76,0
2310087	I529C100-100102	4"	100,0	4"	102,0



Design and dimensions shown may be changed without prior notice

## // I329C100

**CAM & GROOVE MIL A-A-59326D (former MIL C-27487)****Type E - Adapter, helical hose shank for composite hose - Stainless steel 316**

Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2309925	I329C100-025025	1"	25,0	1"	25,0
2309926	I329C100-032032	1 1/4"	32,0	1 1/4"	32,0
2309927	I329C100-040038	1 9/16"	40,0	1 1/2"	38,0
2309928	I329C100-050051	2"	50,0	2"	51,0
2309929	I329C100-065063	2 9/16"	65,0	2 1/2"	63,0
2309930	I329C100-080076	3 1/8"	80,0	3"	76,0
2309931	I329C100-100102	4"	100,0	4"	102,0

## // I3A9G806TK

**AUTOLOCK CAM & GROOVE EN 14 420-7 (former DIN 2828)****Type DF - Coupler, BSPP Female - PTFE Seal - with safety lock handle system - Stainless steel 316**

Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread 1	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)	Thread 2
2309847	I3A9G806TK-025034	C&G DIN	1"	25		BSPP	1"	25	1"
2309848	I3A9G806TK-032042	C&G DIN	1 1/4"	32		BSPP	1 1/4"	32	1"1/4
2309849	I3A9G806TK-040049	C&G DIN	1 1/2"	38		BSPP	1 1/2"	38	1"1/2
2309850	I3A9G806TK-050060	C&G DIN	2"	51		BSPP	2"	51	2"
2309851	I3A9G806TK-065076	C&G DIN	2 1/2"	63		BSPP	2 1/2"	63	2"1/2
2309852	I3A9G806TK-080090	C&G DIN	3"	76		BSPP	3"	76	3"
2309853	I3A9G806TK-100114	C&G DIN	4"	102		BSPP	4"	102	4"

## // I3B9C2TK

**AUTOLOCK CAM & GROOVE MIL A-A-59326D (former MIL C-27487)****Type DWB - Coupler, Butt weld on - with safety lock handle system - Stainless steel 316**

Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)
2309863	I3B9C2TK-025034	C&G	1"	25	@N/A	1"	25
2309864	I3B9C2TK-032042	C&G	1 1/4"	32	@N/A	1 1/4"	32
2309865	I3B9C2TK-038049	C&G	1 1/2"	38	@N/A	1 1/2"	38
2309866	I3B9C2TK-050060	C&G	2"	51	@N/A	2"	51
2309867	I3B9C2TK-063076	C&G	2 1/2"	63	@N/A	2 1/2"	63
2309868	I3B9C2TK-080090	C&G	3"	76	@N/A	3"	76
2309869	I3B9C2TK-102114	C&G	4"	102	@N/A	4"	102

# // SYMMETRIC GUILLEMIN NF E 29 572

## // I5291300

### SYMMETRIC GUILLEMIN NF E 29.572

Helical hose shank with locking ring for composite hose - Aluminium



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2300753	I5291300-040040	1 9/16"	40,0	1 1/2"	40,0
2300754	I5291300-050050	2"	50,0	2"	50,0
2300755	I5291300-065065	2 9/16"	65,0	2 1/2"	65,0
2300756	I5291300-080080	3 1/8"	80,0	3 1/8"	80,0
2300757	I5291300-100100	4"	100,0	4"	100,0

## // I3291300

### SYMMETRIC GUILLEMIN NF E 29.572

Helical hose shank with locking ring for composite hose - Stainless steel 316



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2302462	I3291300-040040	1 9/16"	40,0	1 1/2"	40,0
2300736	I3291300-050050	2"	50,0	2"	50,0
2300737	I3291300-065065	2 9/16"	65,0	2 1/2"	65,0
2300738	I3291300-080080	3 1/8"	80,0	3 1/8"	80,0
2300739	I3291300-100100	4"	100,0	4"	100,0

## // I7291300

### SYMMETRIC GUILLEMIN NF E 29.572

Helical hose shank with locking ring for composite hose - Brass



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2300763	I7291300-040040	1 9/16"	40,0	1 1/2"	40,0
2300764	I7291300-050050	2"	50,0	2"	50,0
2300765	I7291300-065065	2 9/16"	65,0	2 1/2"	65,0
2300766	I7291300-080080	3 1/8"	80,0	3 1/8"	80,0
2300767	I7291300-100100	4"	100,0	4"	100,0

Design and dimensions shown may be changed without prior notice

## // API RP 1004 TANK COUPLER

### // I5A943C3

#### API RP 1004 TANK COUPLER

API RP 1004 Gravity coupler - 45° - Symmetric Guillemin without locking ring - complete with seal - Aluminium



Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)
2302202	I5A943C3-080100	SYM.NL	3 1/8"	80	API RP1004	4"	100

### // I5A943C3-Z

#### API RP 1004 TANK COUPLER

API RP 1004 Gravity coupler - 45° - Symmetric Guillemin without locking ring - complete with seal and sight glass - Aluminium



Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)
2302201	I5A943C3-Z80100	SYM.NL	3 1/8"	80	API RP1004	4"	100

### // I5AC3806

#### API RP 1004 TANK COUPLER

API RP 1004 Vapor recovery coupler - BSPP Female - complete with seal - Aluminium



Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread 1	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)	Thread 2
2302186	I5AC3806-080090	API RP1004	3"	76		BSPP	3"	76	3"
2302187	I5AC3806-080114	API RP1004	4"	100		BSPP	3"	76	3"

**// I5AC3091**

**API RP 1004 TANK COUPLER**

**API RP 1004 Vapor recovery coupler - Symmetric Guillemin with locking ring - complete with seal - Aluminium**



Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)
2301028	I5A9C091-080100	API RP1004	4"	102	SYM	3 1/8"	80

FITTINGS

**// I5AC3091-Z**

**API RP 1004 TANK COUPLER**

**API RP 1004 Vapor recovery coupler - Symmetric Guillemin without locking ring - complete with seal - Aluminium**



Item Code	Product Code	Thread Type 1	DN Head 1 (in)	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)
2301027	I5A9C091-080080	API RP1004	3"	76	SYM	3 1/8"	80

Design and dimensions shown may be changed without prior notice

## // FLANGE

## // I12BY61A

## FIXED FLANGE - FF - TTMA

Helical hose shank for composite hose - Plated steel



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Head DN (in)	Head DN (mm)
2310070	I12BY61A-080076	3 1/8"	80,0	TTMA	3"	76,0
2302170	I12BY61A-100102	4"	100,0	TTMA	4"	102,0

## // I12BD72A

## SWIVEL FLANGE - PLATE FF - PN 10/16

Helical hose shank for composite hose - Plated steel



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Head DN (in)	Head DN (mm)
2309955	I12BD72A-025025	1"	25,0	PN16	1"	25,0
2309956	I12BD72A-032032	1 1/4"	32,0	PN16	1 1/4"	32,0
2300000	I12BD72A-040040	1 9/16"	40,0	PN16	1 1/2"	40,0
2300001	I12BD72A-050050	2"	50,0	PN16	2"	50,0
2300002	I12BD72A-065065	2 9/16"	65,0	PN16	2 1/2"	65,0
2300003	I12BD72A-080080	3 1/8"	80,0	PN16	3 1/8"	80,0
2300004	I12BD72A-100100	4"	100,0	PN16	4"	100,0

## // I32BD72A

## SWIVEL FLANGE - PLATE FF - PN 10/16

Helical hose shank for composite hose - Stainless steel 316



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Head DN (in)	Head DN (mm)
2309958	I32BD72A-025025	1"	25,0	PN16	1"	25,0
2309959	I32BD72A-032032	1 1/4"	32,0	PN16	1 1/4"	32,0
2308225	I32BD72A-040040	1 9/16"	40,0	PN16	1 1/2"	40,0
2308226	I32BD72A-050050	2"	50,0	PN16	2"	50,0
2309960	I32BD72A-065065	2 9/16"	65,0	PN16	2 1/2"	65,0
2308227	I32BD72A-080080	3 1/8"	80,0	PN16	3"	80,0
2308228	I32BD72A-100100	4"	100,0	PN16	4"	100,0

**// I12BE79A**

**SWIVEL FLANGE - LAP JOINT FF - ASA 150**

**Helical hose shank for composite hose - Plated steel**



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Head DN (in)	Head DN (mm)
2309949	I12BE79A-025025	1"	25,0	ASA150	1"	25,0
2309950	I12BE79A-032032	1 1/4"	32,0	ASA150	1 1/4"	32,0
2308301	I12BE79A-040040	1 9/16"	40,0	ASA150	1 1/2"	38,0
2309951	I12BE79A-050050	2"	50,0	ASA150	2"	51,0
2309952	I12BE79A-065065	2 9/16"	65,0	ASA150	2 1/2"	63,0
2309953	I12BE79A-080080	3 1/8"	80,0	ASA150	3"	76,0
2309954	I12BE79A-100100	4"	100,0	ASA150	4"	102,0

**// I32BE79A**

**SWIVEL FLANGE - LAP JOINT FF - ASA 150**

**Helical hose shank for composite hose - Stainless steel 316**



Item Code	Product Code	ID (in)	Hose ID (mm)	Thread Type	Head DN (in)	Head DN (mm)
2309946	I32BE79A-025025	1"	25,0	ASA150	1"	25,0
2309947	I32BE79A-032032	1 1/4"	32,0	ASA150	1 1/4"	32,0
2308224	I32BE79A-040040	1 9/16"	40,0	ASA150	1 1/2"	38,0
2307622	I32BE79A-050050	2"	50,0	ASA150	2"	51,0
2309948	I32BE79A-065065	2 9/16"	65,0	ASA150	2 1/2"	63,0
2307623	I32BE79A-080080	3 1/8"	80,0	ASA150	3"	76,0
2307607	I32BE79A-100100	4"	100,0	ASA150	4"	102,0

**// I02Q1500**

**WELDING INSERT - COMPOSITE HOSE FITTING**

**Butt weld end - Head Weld - Helical hose shank for composite hose - Unplated steel**



Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2309808	I02Q1500-025034	1"	25,0	1"	25,0
2309809	I02Q1500-032042	1 1/4"	32,0	1 1/4"	32,0
2302241	I02Q1500-040049	1 9/16"	40,0	1 1/2"	40,0
2301052	I02Q1500-050060	2"	50,0	2"	50,0
2301049	I02Q1500-065076	2 9/16"	65,0	2 1/2"	65,0
2301050	I02Q1500-080090	3 1/8"	80,0	3 1/8"	80,0
2301051	I02Q1500-100114	4"	100,0	4"	100,0

Design and dimensions shown may be changed without prior notice

## // I32Q1500

**WELDING INSERT - COMPOSITE HOSE FITTING****Butt weld end - Head Weld - Helical hose shank for composite hose  
- Stainless steel 316**

Item Code	Product Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2300722	I32Q1500-025034	1"	25,0	1"	25,0
2309810	I32Q1500-032042	1 1/4"	32,0	1 1/4"	32,0
2300723	I32Q1500-040049	1 9/16"	40,0	1 1/2"	40,0
2300724	I32Q1500-050060	2"	50,0	2"	50,0
2300725	I32Q1500-065076	2 9/16"	65,0	2 1/2"	65,0
2300726	I32Q1500-080090	3 1/8"	80,0	3 1/8"	80,0
2300727	I32Q1500-100114	4"	100,0	4"	100,0

# // SMOOTH FERRULE

## // I505C5

### I505C5

Smooth ferrule - Aluminium



Item Code	Product Code	ID (in)	Hose ID (mm)
2309911	I505C5-025	1"	25,0
2309912	I505C5-032	1 1/4"	32,0
2300891	I505C5-040	1 9/16"	40,0
2301751	I505C5-050	2"	50,0
2300099	I505C5-065	2 9/16"	65,0
2300917	I505C5-080	3 1/8"	80,0
2300892	I505C5-100	4"	100,0

## // I205C5

### I205C5

Smooth ferrule - Stainless steel 304



Item Code	Product Code	ID (in)	Hose ID (mm)
2300848	I205C5-025	1"	25,0
2300849	I205C5-032	1 1/4"	32,0
2300850	I205C5-040	1 9/16"	40,0
2300851	I205C5-050	2"	50,0
2300852	I205C5-065	2 9/16"	65,0
2300853	I205C5-080	3 1/8"	80,0
2300854	I205C5-100	4"	100,0



Design and dimensions shown may be changed without prior notice

## // CRIMPING SEAL FOR COMPOSITE HOSE

## // INJS00

## CRIMPING SEAL FOR COMPOSITE HOSE

Seal - NBR



Item Code	Product Code	DN (mm)	DN (in)
2300484	INJS00-025	25	1"
2300485	INJS00-032	32	1 1/4"
2300486	INJS00-040	40	1 9/16"
2300487	INJS00-050	50	2"
2300488	INJS00-065	65	2 9/16"
2300489	INJS00-080	80	3 1/8"
2300490	INJS00-100	100	4"

## // IIJS00

## CRIMPING SEAL FOR COMPOSITE HOSE

Seal - FKM/FPM



Item Code	Product Code	DN (mm)	DN (in)
2309913	IIJS00-025	25	1"
2309914	IIJS00-032	32	1 1/4"
2309915	IIJS00-040	40	1 9/16"
2304553	IIJS00-050	50	2"
2304554	IIJS00-065	65	2 9/16"
2300467	IIJS00-080	80	3 1/8"
2304555	IIJS00-100	100	4"

**// NOTE**

Lined area for notes with horizontal dashed lines.



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