

RACCORDI PER APPLICAZIONI ALIMENTARI

fittings suitable for food



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acetal resin metric size push-in fittings
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acetal resin inch size push-in fittings
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RACCORDI PER APPLICAZIONI ALIMENTARI

fittings suitable for food



FDA

I Raccordi Tierre Group sono prodotti con materiali approvati FDA (Food and Drug Administration)
Tierre Group fittings are produced with FDA approved materials (Food and Drug Administration)



Certificazioni NSF 51 & 61 • NSF 51 & 61 Certifications

I Raccordi Tierre Group sono compatibili al contatto con Alimenti & Acqua Potabile secondo le Certificazioni NSF 51 & 61
Tierre Group fittings are suitable for contact with foodstuffs & drinking water according to NSF 51 & 61 Certifications



Certificazione WRAS • WRAS Certification

I Raccordi Tierre Group rispettano i requisiti del UK Water Regulation Advisory Scheme
Tierre Group Fittings are complying with the requirements of the United Kingdom Water Regulation Advisory scheme



Dichiarazione di conformità DM174 • Conformity declaration to DM174

I Raccordi Tierre Group rispettano i requisiti del Decreto Ministeriale 174
Tierre Group Fittings are complying with the requirements of the Ministerial Decree 174



Regolamento CE n. 1935/2004 • CE n. 1935/2004 Regulation

I Raccordi Tierre Group rispettano i requisiti del regolamento CE n. 1935/2004
Tierre Group Fittings are complying with the CE n. 1935/2004 regulation



I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*



INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO

acetal resin metric size push-in fittings

Caratteristiche

Gli Innesti Rapidi in resina acetalica Tierre Group sono prodotti con materiali atossici approvati FDA e sono in possesso delle certificazioni WRAS, NSF 51, NSF 61, dichiarazione di conformità DM 174 & EC1935/2004.

Sono di facile e veloce assemblaggio grazie al colletto progettato con forma ovale e possono essere connessi e disconnessi ripetutamente.

Progettati principalmente per l'utilizzo con acqua potabile e nell'industria delle bevande, i raccordi possono essere utilizzati anche con aria, gas, vuoto e liquidi compatibili con la tabella "compatibilità chimica" allegata.

Features

Tierre Group push-in fittings are manufactured of non-toxic materials approved by FDA, certified WRAS, NSF 51, NSF 61, conformity declaration DM 174 & EC1935/2004.

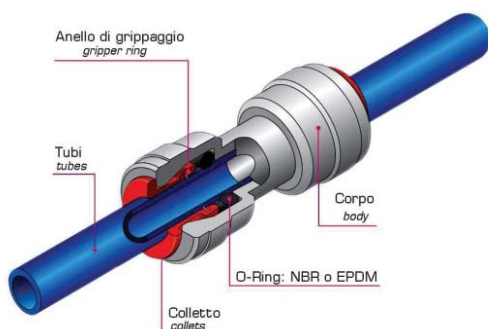
They are quick and convenient to assemble thanks to the unique oval collet design and all the connections can be assembled & disassembled repeatedly.

Widely used in water purification, food, beverage, they can be used also with air, gases, vacuum & liquids according to the attached chemical compatibility table.

LEGENDA CODICE • Model designation

A	FAB	06	06	C	M																																																												
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Codice Materiale <i>material</i>	Codice Prodotto <i>model item</i>	Diametro Tubo / Codolo O.D. <i>tube diameter / stem O.D.</i>	Filetto <i>thread size</i>	Tipo di Estremità Interna Filetto <i>inside type thread</i>	Codice Serie Metrica <i>metric size code</i>																																																												
A: Resina Acetalica A: <i>acetal copolymer</i>		<table><tr><th>Code</th><th>Size</th></tr><tr><td>04</td><td>4mm</td></tr><tr><td>05</td><td>5mm</td></tr><tr><td>06</td><td>6mm</td></tr><tr><td>08</td><td>8mm</td></tr><tr><td>10</td><td>10mm</td></tr><tr><td>12</td><td>12mm</td></tr><tr><td>15</td><td>15mm</td></tr><tr><td>16</td><td>16mm</td></tr><tr><td>18</td><td>18mm</td></tr><tr><td>22</td><td>22mm</td></tr><tr><td>28</td><td>28mm</td></tr></table>	Code	Size	04	4mm	05	5mm	06	6mm	08	8mm	10	10mm	12	12mm	15	15mm	16	16mm	18	18mm	22	22mm	28	28mm	<table><tr><th colspan="2">Conico BSPT BSPT thread</th></tr><tr><td>02</td><td>R 1/8"</td></tr><tr><td>04</td><td>R 1/4"</td></tr><tr><td>06</td><td>R 3/8"</td></tr><tr><td>07</td><td>R 1/2"</td></tr><tr><td>08</td><td>R 5/4"</td></tr><tr><td>09</td><td>R 3/4"</td></tr><tr><td>11</td><td>R 1"</td></tr><tr><th colspan="2">Cilindrico BSPP BSPP thread</th></tr><tr><td>02</td><td>G 1/8"</td></tr><tr><td>04</td><td>G 1/4"</td></tr><tr><td>06</td><td>G 3/8"</td></tr><tr><td>07</td><td>G 1/2"</td></tr><tr><td>08</td><td>G 5/8"</td></tr><tr><td>09</td><td>G 3/4"</td></tr></table>	Conico BSPT BSPT thread		02	R 1/8"	04	R 1/4"	06	R 3/8"	07	R 1/2"	08	R 5/4"	09	R 3/4"	11	R 1"	Cilindrico BSPP BSPP thread		02	G 1/8"	04	G 1/4"	06	G 3/8"	07	G 1/2"	08	G 5/8"	09	G 3/4"	<table><tr><td>F</td><td>Piatta Flat</td></tr><tr><td>C</td><td>Conica Cone</td></tr><tr><td>V</td><td>V Type</td></tr></table>	F	Piatta Flat	C	Conica Cone	V	V Type	Colore: nero colour: black
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SEZIONE INTERNA • Construction



TIPI DI FILETTO • Thread type

BSPT: Filetto Conico (British Standard Pipe Taper Thread)
 BSPP: Filetto Cilindrico (British Standard Pipe Parallel Thread)
 UN: Unified National Thread
 UNF: Unified National Fine Thread
 UNS: Unified National Special Thread

Rivolgersi al Servizio Clienti Tierre Group per informazioni più dettagliate riguardo alle varie tipologie di filetti

Ask to Tierre Group Customer Service for more detailed information about the different types of threads

INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO

acetal resin metric size push-in fittings

PRESSIONE D'ESERCIZIO E TEMPERATURA • Working Pressure & Temperature

Misure - sizes	4mm	5mm	6mm	8mm	10mm	12mm	15mm	16mm	18mm	22mm	28mm
Temperatura temperature											
1°C (34°F)	16 Bar (230 PSI)					11 Bar (170 PSI)					
20°C (68°F)	16 Bar (230 PSI)					11 Bar (170 PSI)					
65°C (150°C)	10 Bar (150 PSI)					7 Bar (100 PSI)					

Consultare il Servizio Clienti Tierre Group se i raccordi vengono utilizzati con differenti pressioni e/o temperature.
If fittings are used at a different temperature or pressure, contact or consult Tierre Group Customer Service

MASSIMA COPPIA DI SERRAGGIO • Maximum Torque

Filetti - Threads	1/8" - 1/4"	3/8" - 1/2"	3/4" - 1"
Massima coppia di serraggio maximum torque	1.5 N * M 15 kgf * cm	3.0 N * M 30 kgf * cm	4.0 N * M 40 kgf * cm

I valori sopra indicati indicano la coppia di serraggio massima per i filetti dei raccordi in plastica.
The above values indicate maximum torque for plastic fittings.

DATI TECNICI

Fluidi compatibili	Acqua e Vuoto
Materiali costruttivi	corpo: resina acetalica colletto: resina acetalica pinza di tenuta: acciaio SUS 304 O'ring: NBR
Filettature	Conica BSPT Cilindrica BSPP UN, UNF, UNS
Tubi da utilizzare	PE (Polietilene) Si consiglia l'utilizzo del tubo PE Tierre Group per avere la massima garanzia di qualità e le migliori prestazioni dei materiali utilizzati nonché l'utilizzo delle clip di bloccaggio (codice ALC) per tutte le connessioni. Anche se possibile, Tierre Group non garantisce la perfetta connessione per tutte le altre tipologie di tubi plastici (PU, PA, PTFE) e sconsiglia l'utilizzo di tali raccordi con le misure da 4 a 12 mm su tutti i tubi in metallo duro (acciaio inox) per i quali è stata creata nel nostro catalogo la serie Power Fittings.
Tolleranza Ø	± 0,1
Esterno Tubo PE	

Technical specifications

fluid types	water and vacuum
construction materials	body: acetal copolymer collet: acetal copolymer lock claw: stainless steel SUS 304 o'ring: NBR.
threads	taper BSPT cylindrical BSPP UN, UNF, UNS
tubes used	PE (polyethylene) We recommend to use Tierre Group PE tube so as to have the best quality and the best performances of the used material and to use the locking clips (ALC code) for all the connections. Even if it's possible, we don't guarantee the perfect connection with all the other plastic tubes (PU-PA-PTFE) and we don't recommend to use Tierre plastic fittings with tube from 4mm to 12mm with all hard metal tubes (stainless steel). For stainless steel tubes we created in our catalogue Power Fittings Range.
outer diameter tolerance of PE tube	± 0,1

Prodotti conformi alla direttiva 2002/95/EC 

Prodotti conformi alla direttiva 1907/2006 

products in compliance with the directive 2002/95/EC 

products in compliance with the directive 1907/2006 

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vynil bag

I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO *acetal resin metric size push-in fittings*


diritto maschio conico BSPT • *male connector BSPT thread*

AMC



CODE	Tubo O.D. (mm)	Filetto Thread BSPT	Peso (g) weight	
AMC0402M	4	R1/8"	2,3	500
AMC0404M		R1/4"	3,7	500
AMC0502M	5	R1/8"	2,7	500
AMC0504M		R1/4"	2,8	500
AMC0602M		R1/8"	3,1	400
AMC0604M		R1/4"	3,7	500
AMC0606M	6	R3/8"	4,9	300
AMC0607M		R1/2"	8,8	250
AMC0802M		R1/8"	3,5	400
AMC0804M	8	R1/4"	3,8	400
AMC0806M		R3/8"	4,9	350
AMC1002M		R1/8"	6,3	300
AMC1004M		R1/4"	6,5	300
AMC1006M	10	R3/8"	5,4	300
AMC1007M		R1/2"	9,0	200
AMC1206M		R3/8"	8,1	200
AMC1207M	12	R1/2"	8,8	200
AMC1506M		R3/8"	17,0	100
AMC1507M	15	R1/2"	19,0	100
AMC1606M		R3/8"	16,0	100
AMC1607M	16	R1/2"	16,0	100
AMC1807M	18	R1/2"	26,0	80
AMC2209M		R3/4"	30,0	80
AMC2211M	22	R1"	49,6	40

AMCB


diritto maschio cilindrico BSPP • *male connector BSPP thread*

CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
AMCB0402M	4	G1/8"	3,1	500
AMCB0404M		G1/4"	4,7	400
AMCB0502M	5	G1/8"	3,0	400
AMCB0504M		G1/4"	4,5	400
AMCB0602M		G1/8"	4,2	400
AMCB0604M	6	G1/4"	4,9	400
AMCB0802M		G1/8"	4,5	400
AMCB0804M		G1/4"	5,2	400
AMCB0806M	8	G3/8"	7,3	250
AMCB0807M		G1/2"	13,0	200
AMCB1004M		G1/4"	6,3	300
AMCB1006M		G3/8"	7,6	250
AMCB1007M	10	G1/2"	10,2	200
AMCB1206M		G3/8"	8,0	200
AMCB1207M	12	G1/2"	9,1	150
AMCB1507M		G1/2"	17,0	150
AMCB1509M	15	G3/4"	22,0	100
AMCB1607M		G1/2"	16,0	150
AMCB1609M	16	G3/4"	20,0	100
AMCB2209M	22	G3/4"	27,0	80

intermedio diritto • *union connector*

AUC



CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
AUC0404M	4	4	3,2	500
AUC0505M	5	5	4,2	500
AUC0604M		4	4,5	500
AUC0605M	6	5	5,3	400
AUC0606M		6	5,0	400
AUC0804M		4	5,0	400
AUC0805M	8	5	4,8	300
AUC0806M		6	5,0	300
AUC0808M		8	5,4	300
AUC1004M		4	6,2	300
AUC1005M		5	6,1	300
AUC1006M	10	6	7,2	250
AUC1008M		8	5,7	250
AUC1010M		10	8,3	250
AUC1208M		8	7,3	200
AUC1210M	12	10	7,0	200
AUC1212M		12	9,5	200
AUC1510M		10	15,0	100
AUC1512M	15	12	18,0	100
AUC1515M		15	15,0	100
AUC1612M		12	14,3	100
AUC1615M	16	15	18,8	100
AUC1616M		16	22,0	100
AUC1818M	18	18	22,0	60
AUC2215M		15	31,0	50
AUC2216M	22	16	32,0	50
AUC2222M		22	39,0	50
AUC2828M	28	28	70,0	40

AUC


intermedio diritto • *union connector*

CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
AUC15M07	15	1/2"	18,1	100

intermedio a gomito • *union elbow*

AEU



CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
AEU0404M	4	4	2,9	700
AEU0505M	5	5	3,3	700
AEU0606M	6	6	4,9	400
AEU0804M		4	3,7	500
AEU0805M	8	5	4,0	400
AEU0806M		6	6,0	300
AEU0808M		8	5,8	300
AEU1005M		5	8,5	300
AEU1006M		6	8,3	300
AEU1008M	10	8	9,0	200
AEU1010M		10	8,2	200
AEU1206M		6	10,0	200
AEU1208M		8	11,0	200
AEU1210M	12	10	24,9	150
AEU1212M		12	23,5	150
AEU1515M	15	15	30,0	80
AEU1616M	16	16	15,4	80
AEU1818M	18	18	42,0	60
AEU2215M		15	34,0	50
AEU2216M	22	16	36,2	50
AEU2222M		22	55,0	40
AEU2828M	28	28	91,0	20

AME


gomito maschio conico BSPT • *male elbow BSPT thread*

CODE	Tubo O.D. (mm)	Filetto Thread BSPT	Peso (g) weight	
AME0602M	6	R1/8"	3,6	500
AME0604M		R1/4"	3,9	400
AME0606M		R3/8"	4,6	400
AME0804M	8	R1/4"	12,0	300
AME0806M		R3/8"	13,0	300
AME1004M		R1/4"	6,4	250
AME1006M	10	R3/8"	6,5	250
AME1206M		R3/8"	9,6	200
AME1207M	12	R1/2"	8,9	150
AME1506M		R3/8"	22,0	100
AME1507M	15	R1/2"	22,0	100
AME1606M		R3/8"	22,0	100
AME1607M	16	R1/2"	22,0	100

INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO acetal resin metric size push-in fittings



adattatore a codolo conico BSPT • stem adapter BSPT thread

ASA



CODE	Codolo Stem O.D. (mm)	Filetto Thread BSPT	Peso (g) weight	
ASA0402M	4	R1/8"	2,0	800
ASA0404M		R1/4"	3,0	500
ASA0502M	5	R1/8"	2,0	800
ASA0504M		R1/4"	3,0	500
ASA0602M	6	R1/8"	2,9	500
ASA0604M		R1/4"	3,9	500
ASA0802M	8	R1/8"	3,4	500
ASA0804M		R1/4"	4,8	400
ASA0806M	8	R3/8"	5,1	300
ASA1004M		R1/4"	4,7	400
ASA1006M	10	R3/8"	5,9	300
ASA1007M		R1/2"	4,8	250
ASA1206M	12	R3/8"	7,6	250
ASA1207M		R1/2"	12,5	150

ASAB

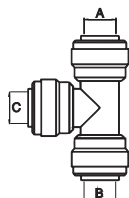


adattatore a codolo cilindrico BSPP • stem adapter BSPP thread

CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
ASAB0402M	4	G1/8"	1,0	900
ASAB0404M		G1/4"	4,0	600
ASAB0502M	5	G1/8"	3,0	600
ASAB0504M		G1/4"	4,0	500
ASAB0602M	6	G1/8"	3,0	500
ASAB0604M		G1/4"	4,0	400
ASAB0802M	8	G1/8"	3,0	500
ASAB0804M		G1/4"	5,0	400
ASAB0806M	8	G3/8"	6,0	250
ASAB1004M		G1/4"	2,8	250
ASAB1006M	10	G3/8"	2,9	250
ASAB1007M		G1/2"	7,3	150
ASAB1206M	12	G3/8"	10,8	150
ASAB1207M		G1/2"	12,4	150
ASAB1506M	15	G3/8"	11,0	150
ASAB1507M		G1/2"	11,0	150
ASAB1807M	18	G1/2"	15,0	100
ASAB2207M		G1/2"	24,0	80
ASAB2209M	22	G3/4"	24,0	80

intermedio a T • union tee

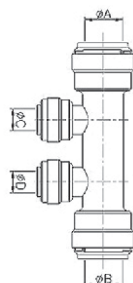
ATU



CODE	Tubo O.D. (A) (mm)	Tubo O.D. (B) (mm)	Tubo O.D. (C) (mm)	Peso (g) weight	
ATU040404M	4	4	4	6,3	300
ATU050505M	5	5	5	6,9	350
ATU060606M	6	6	6	7,1	300
ATU080808M	8	8	8	10,0	250
ATU101006M	10	10	6	13,9	150
ATU101010M		10	10	13,1	150
ATU121210M	12	12	10	19,7	100
ATU121212M		12	12	21,0	100
ATU121012M		10	12	22,1	100
ATU151010M	15	10	10	30,3	50
ATU151510M		15	10	30,0	50
ATU151512M		15	12	34,0	50
ATU151515M		15	15	25,4	50
ATU151522M		15	22	46,6	50
ATU161616M	16	16	16	36,0	50
ATU161622M		16	22	52,1	50
ATU181815M	18	18	15	50,0	30
ATU181816M		18	16	49,0	30
ATU181818M		18	18	57,0	30
ATU221515M	22	15	15	59,0	20
ATU222210M		22	10	52,0	20
ATU222215M		22	15	59,0	20
ATU221616M		16	16	58,0	20
ATU222216M		22	16	58,0	20
ATU222222M		22	22	68,0	20
ATU282815M	28	28	15	78,5	20
ATU282828M		28	28	126,0	10
ATU15M0606	15	3/8"	3/8"	30,0	50
ATU1515M06	16	15	3/8"	30,2	50
ATU1616M07	18	16	1/2"	30,4	20
ATU18M0606		3/8"	3/8"	28,0	20

intermedio a T • union tee

ATU



CODE	Tubo O.D. (A) (mm)	Tubo O.D. (B) (mm)	Tubo O.D. (C) (mm)	Tubo O.D. (D) (mm)	Peso (g) weight	
ATU1515M0606	15	15	3/8"	3/8"	31,0	20

passaparete • bulkhead connector

ABU



CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Filetto Thread	Peso (g) weight	
ABU0404M	4	4	M16XP1	5,5	300
ABU0505M	5	5	M16XP1	8,3	300
ABU0606M	6	6	M16XP1	10,4	250
ABU0610M	6	10	M20XP1,5	12,5	200
ABU0808M	8	8	M20XP1,5	11,6	200
ABU1006M	10	6	M20XP1,5	12,9	150
ABU1010M	10	10	M20XP1,5	9,2	150
ABU1212M	12	12	M27XP1,5	20,0	70

diritto femmina conico BSPT • female adapter BSPT thread

AFA



CODE	Tubo O.D. (mm)	Filetto Thread	Peso (g) weight	
AFA0602M	6	R1/8"	3,6	500
AFA0604M		R1/4"	4,5	400
AFA0802M	8	R1/8"	5,9	300
AFA0804M		R1/4"	5,2	300
AFA1002M	10	R1/8"	3,7	300
AFA1004M		R1/4"	6,2	300
AFA1507M	15	R1/2"	14,8	100
AFA1509M		R3/4"	19,0	100
AFA1607M	16	R1/2"	21,0	100
AFA1609M		R3/4"	23,0	100
AFA2209M	22	R3/4"	18,2	50
AFA2211M		R1"	46,0	40

INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO *acetal resin metric size push-in fittings*



gomito codolo • tube elbow union

ATEU



CODE	Tubo O.D. (mm)	Codolo Stem O.D. (mm)	Peso (g) weight	
ATEU0404M	4	4	2,5	500
ATEU0505M	5	5	2,0	500
ATEU0606M	6	6	3,8	500
ATEU0610M	6	10	4,4	400
ATEU0806M	8	6	5,0	400
ATEU0808M	8	8	5,1	400
ATEU0810M	8	10	5,7	350
ATEU1010M	10	10	10,2	250
ATEU1212M	12	12	13,0	200
ATEU1515M	15	15	21,0	100
ATEU2222M	22	22	38,0	40

ATEU



gomito codolo • tube elbow union

CODE	Tubo O.D. (mm)	Codolo	Peso (g) weight	
ATEU16M08	16	5/8"	17,5	100

diritto femmina cilindrico BSPP estremità interna piatta
female adapter BSPP thread flat inside

AFAB



CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
AFAB0808FM	8	G5/8"	13,0	250
AFAB1004FM	10	G1/4"	6,0	200
AFAB1007FM	10	G1/2"	9,0	150
AFAB1008FM	10	G5/8"	6,0	150
AFAB1206FM	12	G3/8"	15,0	150
AFAB1207FM	12	G1/2"	13,0	150
AFAB1208FM	12	G5/8"	14,0	150



AFAB


diritto femmina cilindrico BSPP
female adapter BSPP thread

CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
AFAB1507M	15	G1/2"	24,0	100
AFAB1509M	15	G3/4"	25,0	100
AFAB1607M	16	G1/2"	25,0	100
AFAB1609M	16	G3/4"	23,0	100
AFAB2209M	22	G3/4"	31,0	40

diritto femmina filetto UNS
female adapter UNS thread

AFAU



CODE	Tubo O.D. (mm)	Filetto Thread UNS	Peso (g) weight	
AFAU067/16CM	6	7/16"-24	4,1	400
AFAU087/16CM	8	7/16"-24	7,2	350
AFAU107/16CM	10	7/16"-24	10,6	300



AFAB


diritto femmina cilindrico BSPP estremità interna conica
female adapter BSPP thread conic inside

CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
AFAB0606CM	6	G3/8"	6,7	200
AFAB0607CM	6	G1/2"	8,6	200
AFAB0806CM	8	G3/8"	10,3	150
AFAB0807CM	8	G1/2"	12,0	200
AFAB1006CM	10	G3/8"	7,9	200
AFAB1007CM	10	G1/2"	12,4	200
AFAB1008CM	12	G5/8"	12,1	150
AFAB1208CM	12	G5/8"	15,0	150


diritto femmina filetto UNF (V-type)
female adapter UNF (V-type) thread

AFAUF



CODE	Tubo O.D. (mm)	Filetto Thread UNF	Peso (g) weight	
AFAUF067/16VM	6	7/16"-20	3,0	400
AFAUF087/16VM	8	7/16"-20	4,4	300
AFAUF107/16VM	10	7/16"-20	5,3	300
AFAUF105/8VM	10	5/8"-18	8,0	350



AFAUF


diritto femmina filetto UNF estremità interna conica con guarnizione
female adapter UNF thread conic inside with NBR sealing

CODE	Tubo O.D. (mm)	Filetto Thread UNF	Peso (g) weight	
AFAUF067/16CM	6	7/16"-20	4,4	400
AFAUF087/16CM	8	7/16"-20	8,4	300
AFAUF107/16CM	10	7/16"-20	7,8	300



INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO acetal resin metric size push-in fittings

diritto femmina filetto UN (V-Type)
female adapter UN (V-type) thread



tappo terminale
tube end stop

AFAUN



CODE	Tubo O.D. (mm)	Filetto Thread UN	Peso (g) weight	
AFAUN081/2VM	8	1/2"-16	8,0	350
AFAUN101/2VM	10	1/2"-16	8,0	200
AFAUN121/2VM	12	1/2"-16	10,0	200

ATES



CODE	Tubo O.D. (mm)	Peso (g) weight	
ATES06M	6	1,4	800
ATES08M	8	1,6	600
ATES10M	10	3,2	400
ATES12M	12	6,1	300
ATES15M	15	12,0	300
ATES16M	16	11,0	300
ATES18M	18	17,0	100
ATES22M	22	22,0	100



intermedio a croce • cross junction

ACR



CODE	Tubo O.D. (mm)	Peso (g) weight	
ACR0404M	4	7,2	300
ACR0606M	6	7,4	250
ACR0808M	8	8,3	200
ACR1010M	10	19,2	120
ACR1212M	12	25,3	80

ATWD



intermedio a Y • two way divider

CODE	Tubo IN (mm)	Tubo OUT (mm)	Peso (g) weight	
ATWD0404M	4	4	3,6	400
ATWD0606M	6	6	5,9	300
ATWD0808M	8	8	9,8	200
ATWD1008M	10	8	12,5	150
ATWD1010M	10	10	10,5	150
ATWD1012M	10	12	14,6	100
ATWD1212M	12	12	17,0	100

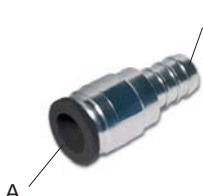
codolo portagomma
tube barb connection

ATBC



CODE	Codolo Stem O.D. (mm)	Tubo I.D. (mm)	Peso (g) weight	
ATBC0604M	6	4	1,0	1000
ATBC0606M	6	6	2,0	800
ATBC0806M	8	6	1,3	700
ATBC1008M	10	8	1,7	500
ATBC1010M	10	10	3,0	500
ATBC1210M	12	10	3,0	300

TR



innesto rapido con portagomma
push-in fitting with barb connector

CODE	Tubo A (mm)	Tubo B (mm)	L (mm)	Peso (g) weight	
TR1213P	12	13	40,7	24,0	50

Articolo non adatto al contatto con alimenti
not suitable for food contact

tappo • plug

APL



CODE	Codolo Stem O.D. (mm)	Peso (g) weight	
APL04M	4	1,3	1000
APL05M	5	1,4	1000
APL06M	6	1,1	1000
APL08M	8	1,9	700
APL10M	10	2,6	500
APL12M	12	3,9	400
APL15M	15	6,0	250
APL18M	18	14,0	250
APL22M	22	15,0	200

ARD



riduzione • reducer

CODE	Tubo O.D. (mm)	Codolo Stem O.D. (mm)	Peso (g) weight	
ARD0405M		5	2,0	800
ARD0406M	4	6	2,0	700
ARD0408M		8	2,4	700
ARD0506M		6	2,5	700
ARD0508M	5	8	2,9	700
ARD0608M		8	1,5	600
ARD0610M	6	10	2,7	500
ARD0810M		10	4,3	400
ARD0812M	8	12	6,4	300
ARD1012M		12	3,3	300
ARD1015M	10	15	7,0	250
ARD1215M		15	8,0	200
ARD1518M		18	17,0	150
ARD1522M	15	22	19,0	100
ARD1618M		18	16,0	100
ARD1622M	16	22	17,0	100
ARD1822M		22	24,0	80
ARD2228M	22	28	32,0	50

INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO acetal resin metric size push-in fittings



adattatore femmina cilindrico BSPP • female adapter BSPP thread

AFAB



CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
AFAB0609FM	6	G3/4"	34,0	100
AFAB0809FM	8	G3/4"	36,4	100
AFAB1009FM	10	G3/4"	37,0	100

filetto femmina in ottone • brass female thread

AFAN



adattatore femmina filetto NH • female adapter NH thread

CODE	Tubo O.D. (mm)	Filetto Thread NH	Peso (g) weight	
AFAN0609FM	6	3/4"	38,0	100
AFAN0809FM	8	3/4"	33,8	100
AFAN1009FM	10	3/4"	36,6	100

filetto femmina in ottone • brass female thread

intermedio a gomito 45° • offset connector 45°

AOC



CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
AOC1006M	10	6	2,7	200
AOC1208M	12	8	13,4	200

ATHWD



intermedio a 3 vie • three way divider

CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
ATHWD1006M	10	6	20,3	150
ATHWD1210M	12	10	42,8	50

maggiorazione • enlarger

AEL



CODE	Tubo O.D. (mm)	Codolo Stem O.D. (mm)	Peso (g) weight	
AEL1510M	15	10	13,0	200
AEL1512M	15	12	13,0	150
AEL1610M	16	10	12,0	200
AEL1612M	16	12	13,1	150
AEL2215M	22	15	20,0	60
AEL2822M	28	22	44,0	50

AEL



maggiorazione • enlarger

CODE	Tubo O.D. (mm)	Codolo Stem O.D.	Peso (g) weight	
AEL15M07	15	1/2"	12,5	150
AEL16M07	16	1/2"	13,2	150
AEL18M07	18	1/2"	20,1	150

doppia giunzione a U
U bend

AUB



CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
AUB0606M	6	6	5,4	350
AUB0808M	8	8	6,4	250
AUB1010M	10	10	10,7	150
AUB1212M	12	12	16,6	100
AUB1515M	15	15	39,0	60
AUB1616M	16	16	38,0	60

ASUC



intermedio diritto girevole cilindrico BSPP
swivel union connector BSPP thread

CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
ASUC1507M	15	G1/2"	23,0	80
ASUC1509M	15	G3/4"	34,0	50
ASUC1607M	16	G1/2"	21,0	80
ASUC1609M	16	G3/4"	34,0	50
ASUC2209M	22	G3/4"	44,0	40

INNESTI RAPIDI IN RESINA ACETALICA TUBO METRICO acetal resin metric size push-in fittings

intermedio a gomito girevole cilindrico BSPP
swivel elbow union BSPP thread

ASEU



CODE	Tubo O.D. (mm)	Filetto Thread BSPP	Peso (g) weight	
ASEU1507M	15	G1/2"	31,0	50
ASEU1509M		G3/4"	41,0	50
ASEU1607M	16	G1/2"	29,0	50
ASEU1609M		G3/4"	41,0	50

ASSA



adattatore codolo a codolo
stem to stem adapter

CODE	Codolo Stem O.D. (mm)	Codolo Stem O.D.	Peso (g) weight	
ASSA15M06	15	3/8"	8,3	200



attacco passaparete serbatoio • bulkhead tank connector

ATC



CODE	Tubo O.D. (mm)	Filetto Thread	Peso (g) weight	
ATC15M	15	M30xP3,5	36,0	30
ATC22M	22	M39xP3,5	60,0	20
ATC28M	28	M39xP2,0	121,0	10

ABBC



raccordo portagomma • barb connector

CODE	Tubo O.D. (mm)	Tubo I.D.	Peso (g) weight	
ABBC1210M	12	10	7,0	200
ABBC1507M		1/2"	13,0	150
ABBC1510M	15	10	13,0	150
ABBC1607M		1/2"	13,0	150
ABBC1610M	16	10	15,0	150
ABBC2207M	22	1/2"	25,0	80
ABBC2209M		3/4"	26,0	80

multi connessione a quattro vie • four way connector

AFWC



CODE	Tubo O.D. (mm)	Tubo O.D. (mm)	Peso (g) weight	
AFWC2210M	22	10	51	50

ADA



adattatore di scarico • drain adapter

CODE	Tubo O.D. (mm)	Filetto Thread NPSH	Peso (g) weight	
ADA1509M	15	3/4"	31,5	50
ADA1609M	16	3/4"	34,5	50

adattatore centrale
hub adapter

AHA



CODE	Tubo O.D. (mm)	Filetto Thread NPSH	Peso (g) weight	
AHA2211M	22	1"	25,7	40

ABFU



riduzione F/F cilindrica BSPP
F/F reducer BSPP thread

CODE	Filetto Thread BSPP (A)	Filetto Thread BSPP (B)	Peso (g) weight	
ABFU0409	G3/4"	G1/4"	13,0	100



INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI acetal resin inch size push-in fittings

Caratteristiche

Gli Innesti Rapidi in resina acetalica Tierre Group sono prodotti con materiali atossici approvati FDA e sono in possesso delle certificazioni NSF 51, NSF 61, dichiarazione di conformità DM 174 & EC1935/2004. Sono di facile e veloce assemblaggio grazie al colletto progettato con forma ovale e possono essere connessi e disconnessi ripetutamente. Progettati principalmente per l'utilizzo con acqua potabile e nell'industria delle bevande, i raccordi possono essere utilizzati anche con aria, gas, vuoto e liquidi compatibili con la tabella "compatibilità chimica" allegata.

Features

Tierre Group push-in fittings are manufactured of non-toxic materials approved by FDA, certified WRAS, NSF 51, NSF 61, conformity declaration DM 174 & EC1935/2004.

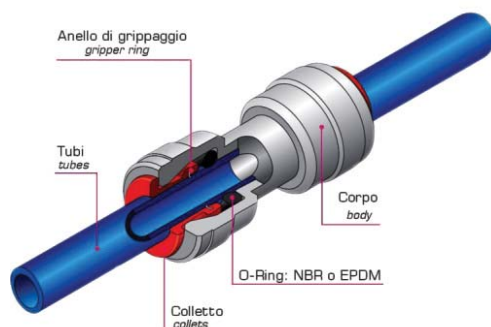
They are quick and convenient to assemble thanks to the unique oval collet design and all the connections can be assembled & disassembled repeatedly.

Widely used in water purification, food, beverage, they can be used also with air, gases, vacuum & liquids according to the attached chemical compatibility table.

LEGENDA CODICE • Model designation

A	FAB	04	06	C																																															
↓	↓	↓	↓	↓																																															
Codice Materiale <i>material</i>	Codice Prodotto <i>model item</i>	Diametro Tubo / Codolo O.D. <i>tube diameter / stem O.D.</i>	Filetto <i>thread size</i>	Tipo di Estremità Interna Filetto <i>inside type thread</i>																																															
A: Resina Acetalica A: <i>acetal copolymer</i>		<table><tr><th>Code</th><th>Size</th></tr><tr><td>01</td><td>5/32"</td></tr><tr><td>03</td><td>3/16"</td></tr><tr><td>04</td><td>1/4"</td></tr><tr><td>05</td><td>5/16"</td></tr><tr><td>06</td><td>3/8"</td></tr><tr><td>07</td><td>1/2"</td></tr></table>	Code	Size	01	5/32"	03	3/16"	04	1/4"	05	5/16"	06	3/8"	07	1/2"	<table><tr><th colspan="2">Conico BSPT BSPT thread</th></tr><tr><td>02</td><td>R 1/8"</td></tr><tr><td>04</td><td>R 1/4"</td></tr><tr><td>06</td><td>R 3/8"</td></tr><tr><td>07</td><td>R 1/2"</td></tr><tr><td>08</td><td>R 5/8"</td></tr></table> <table><tr><th colspan="2">Cilindrico BSPP BSPP thread</th></tr><tr><td>02</td><td>G 1/8"</td></tr><tr><td>04</td><td>G 1/4"</td></tr><tr><td>06</td><td>G 3/8"</td></tr><tr><td>07</td><td>G 1/2"</td></tr><tr><td>08</td><td>G 5/8"</td></tr><tr><td>09</td><td>G 3/4"</td></tr></table>	Conico BSPT BSPT thread		02	R 1/8"	04	R 1/4"	06	R 3/8"	07	R 1/2"	08	R 5/8"	Cilindrico BSPP BSPP thread		02	G 1/8"	04	G 1/4"	06	G 3/8"	07	G 1/2"	08	G 5/8"	09	G 3/4"	<table><tr><td>F</td><td>Piatta Flat</td></tr><tr><td>C</td><td>Conica Cone</td></tr><tr><td>V</td><td>V Type</td></tr></table>	F	Piatta Flat	C	Conica Cone	V	V Type	Colore: grigio colour: grey
Code	Size																																																		
01	5/32"																																																		
03	3/16"																																																		
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09	G 3/4"																																																		
F	Piatta Flat																																																		
C	Conica Cone																																																		
V	V Type																																																		

SEZIONE INTERNA • Construction



TIPI DI FILETTO • Thread type

NPTF: Filetto Conico Americano (National Pipe Taper Fuel)
 BSPT: Filetto Conico (British standard Pipe Taper Thread)
 BSPP: Filetto Cilindrico (British standard Pipe Parallel Thread)
 UN: Unified National Thread
 UNF: Unified National Fine Thread
 UNS: Unified National Special Thread
 NH: National Hose Coupling Thread
 BSW: British Standard whitworth Thread

Rivolgersi al Servizio Clienti Tierre Group per informazioni più dettagliate riguardo alle varie tipologie di filetti

Ask to Tierre Group Customer Service for more detailed information

INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI *acetal resin inch size push-in fittings*

PRESSIONE D'ESERCIZIO E TEMPERATURA • Working Pressure & Temperature

Misure - sizes	5/32"	3/16"	1/4"	5/16"	3/8"	1/2"
Temperatura temperature						
1°C (34°F)	16 Bar (230 PSI)					11 Bar (170 PSI)
20°C (68°F)	16 Bar (230 PSI)					11 Bar (170 PSI)
65°C (150°F)	10 Bar (150 PSI)					7 Bar (100 PSI)

Consultare il Servizio Clienti Tierre Group se i raccordi vengono utilizzati con differenti pressioni e/o temperature.
If fittings are used at a different temperature or pressure, contact or consult Tierre Group Customer Service

MASSIMA COPPIA DI SERRAGGIO • Maximum Torque

Filetti - Threads	1/8" - 1/4"	3/8" - 1/2"	3/4"
Massima coppia di serraggio maximum torque	1.5 N * M 15 kgf * cm	3.0 N * M 30 kgf * cm	4.0 N * M 40 kgf * cm

I valori sopra indicati indicano la coppia di serraggio massima per i filetti dei raccordi in plastica.
The above values indicate maximum torque for plastic fittings.

DATI TECNICI

Fluidi compatibili	Acqua e Vuoto
Materiali costruttivi	corpo: resina acetalica colletto: resina acetalica pinza di tenuta: acciaio SUS 304 o'ring: NBR
Filettature	NPTF Conica BSPT Cilindrica BSPP BSW
Tubi da utilizzare	UN, UNF, UNS PE (Polietilene) Si consiglia l'utilizzo del tubo PE Tierre Group per avere la massima garanzia di qualità e le migliori prestazioni dei materiali utilizzati nonché l'utilizzo delle clip di bloccaggio (codice ALC) per tutte le connessioni. Anche se possibile, Tierre Group non garantisce la perfetta connessione per tutte le altre tipologie di tubi plastici (PU, PA, PTFE) e sconsiglia l'utilizzo di tali raccordi su tutti i tubi in metallo duro (acciaio inox) per i quali è stata creata nel nostro catalogo la serie Power Fittings.
Tolleranza Ø	± 0,004" (± 0,10 mm)
Esterno Tubo PE	

Technical specifications

fluid types	water and vacuum
construction materials	body: acetal copolymer collet: acetal copolymer lock claw: stainless steel SUS 304 o'ring: NBR
threads	NPTF taper BSPT cylindrical BSPP BSW
tubes used	UN, UNF, UNS PE (polyethylene) We recommend to use Tierre Group PE tube so as to have the best quality and the best performances of the used material and to use the locking clips (ALC code) for all the connections. Even if it's possible, we don't guarantee the perfect connection with all the other plastic tubes (PU-PA-PTFE) and we don't recommend to use Tierre plastic fittings with all hard metal tubes (stainless steel). For stainless steel tubes we created in our catalogue Power Fittings range..
outer diameter tolerance of PE tube	± 0,004" (± 0,10 mm)

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006


products in compliance with the directive 2002/95/EC **RoHS**

products in compliance with the directive 1907/2006



il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vinyl bag

I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI *acetal resin inch size push-in fittings*


diritto maschio conico NPTF • *male connector NPTF thread*

AMC



CODE	Tubo O.D.	Filetto Thread NPTF	Peso (g) weight	
AMC0102	5/32"	1/8"	2,3	500
AMC0104		1/4"	3,7	500
AMC0302	3/16"	1/8"	2,7	500
AMC0402		1/8"	3,1	500
AMC0404	1/4"	1/4"	3,7	500
AMC0406		3/8"	4,9	300
AMC0407		1/2"	8,8	200
AMC0502		1/8"	3,5	400
AMC0504	5/16"	1/4"	3,8	400
AMC0506		3/8"	4,9	350
AMC0602		1/8"	6,3	300
AMC0604	3/8"	1/4"	6,5	300
AMC0606		3/8"	5,4	250
AMC0607		1/2"	9,0	200
AMC0706	1/2"	3/8"	8,1	200
AMC0707		1/2"	8,8	150

AMCF


diritto maschio cilindrico MFL • *male connector MFL thread*

CODE	Tubo O.D.	Filetto Thread MFL	Peso (g) weight	
AMCF0505	5/16"	5/16"	5,9	300
AMCF0604	3/8"	1/4"	8,0	300
AMCF0507N	5/16"	1/2"	7,5	300
AMCF0607N	3/8"	1/2"	8,0	300

MFL 1/4" = 7/16" - 20 UNF
MFL 5/16" = 1/2" - 20 UNF
MFL 3/8" = 5/8" - 18 UNF
MFL 1/2" = 3/4" - 16 UNF

diritto maschio conico BSPT • *male connector BSPT thread*

AMCBT



CODE	Tubo O.D.	Filetto Thread BSPT	Peso (g) weight	
AMCBT0102	5/32"	R1/8"	2,3	500
AMCBT0104		R1/4"	3,7	500
AMCBT0302	3/16"	R1/8"	2,7	500
AMCBT0304		R1/4"	2,8	500
AMCBT0402		R1/8"	3,1	500
AMCBT0404	1/4"	R1/4"	4,6	400
AMCBT0406		R3/8"	4,9	300
AMCBT0407		R1/2"	8,8	200
AMCBT0502		R1/8"	3,5	400
AMCBT0504	5/16"	R1/4"	3,8	400
AMCBT0506		R3/8"	4,9	350
AMCBT0602		R1/8"	6,3	300
AMCBT0604	3/8"	R1/4"	6,5	300
AMCBT0606		R3/8"	5,4	300
AMCBT0607		R1/2"	9,0	200
AMCBT0706	1/2"	R3/8"	8,1	200
AMCBT0707		R1/2"	8,8	150

AMCW


diritto maschio filetto BSW • *male connector BSW thread*

CODE	Tubo O.D.	Filetto Thread BSW	Peso (g) weight	
AMCW049/16	1/4"	9/16"	5,3	400
AMCW0507	5/16"	1/2"	6,4	250
AMCW059/16	5/16"	9/16"	7,4	250
AMCW0607	3/8"	1/2"	8,0	200
AMCW069/16	3/8"	9/16"	8,5	200

diritto maschio cilindrico BSPP • *male connector BSPP thread*

AMCB



CODE	Tubo O.D.	Filetto Thread BSPP	Peso (g) weight	
AMCB0102	5/32"	G1/8"	3,1	500
AMCB0104		G1/4"	4,7	500
AMCB0302	3/16"	G1/8"	3,0	500
AMCB0304		G1/4"	4,5	400
AMCB0402	1/4"	G1/8"	4,2	400
AMCB0404		G1/4"	4,9	400
AMCB0502		G1/8"	4,5	400
AMCB0504	5/16"	G1/4"	5,2	400
AMCB0506		G3/8"	7,3	250
AMCB0602		G1/8"	9,0	300
AMCB0604	3/8"	G1/4"	6,3	300
AMCB0606		G3/8"	7,6	250
AMCB0607		G1/2"	10,2	200
AMCB0706	1/2"	G3/8"	8,0	200
AMCB0707		G1/2"	9,1	150

AME


gomito maschio conico NPTF • *male elbow NPTF thread*

CODE	Tubo O.D.	Filetto Thread NPTF	Peso (g) weight	
AME0302	3/16"	1/8"	3,6	500
AME0402		1/8"	3,6	500
AME0404	1/4"	1/4"	3,9	400
AME0406		3/8"	4,6	350
AME0504	5/16"	1/4"	8,0	300
AME0506		3/8"	10,0	250
AME0604		1/4"	6,4	250
AME0606	3/8"	3/8"	6,5	250
AME0706	1/2"	3/8"	9,6	200
AME0707		1/2"	8,9	150

intermedio diritto • *union connector*

AUC



CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
AUC0101	5/32"	5/32"	3,2	500
AUC0303	3/16"	3/16"	4,2	500
AUC0401	5/32"	5/32"	4,5	500
AUC0403	1/4"	3/16"	5,3	400
AUC0404		1/4"	5,0	400
AUC0501	5/32"	5/32"	4,0	400
AUC0503	5/16"	3/16"	4,8	400
AUC0504		1/4"	5,0	300
AUC0505		5/16"	5,4	300
AUC0601		5/32"	6,2	300
AUC0603		3/16"	6,1	300
AUC0604	3/8"	1/4"	7,2	250
AUC0605		5/16"	5,7	250
AUC0606		3/8"	8,3	250
AUC0705		5/16"	7,3	200
AUC0706	1/2"	3/8"	7,0	200
AUC0707		1/2"	9,5	150
AUC0675	3/8"	7,5mm	8,9	250

ASA


adattatore a codolo conico NPTF • *stem adapter NPTF thread*

CODE	Codolo Stem O.D.	Filetto Thread NPTF	Peso (g) weight	
ASA0102	5/32"	1/8"	2,0	800
ASA0104		1/4"	3,0	500
ASA0302	3/16"	1/8"	2,0	800
ASA0402	1/4"	1/8"	2,9	500
ASA0404		1/4"	3,9	500
ASA0502		1/8"	3,4	500
ASA0504	5/16"	1/4"	4,8	400
ASA0506		3/8"	5,1	300
ASA0604		1/4"	4,7	300
ASA0606	3/8"	3/8"	5,9	300
ASA0706	1/2"	3/8"	7,6	250
ASA0707		1/2"	12,5	150

INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI acetal resin inch size push-in fittings



adattatore a codolo cilindrico BSPP • stem adapter BSPP thread

ASAB



CODE	Codolo Stem O.D.	Filetto Thread BSPP	Peso (g) weight	
ASAB0604		G1/4"	2,8	400
ASAB0606	3/8"	G3/8"	2,9	250
ASAB0607		G1/2"	10,8	200
ASAB0707	1/2"	G1/2"	12,4	150

ABU



passaparete • bulkhead connector

CODE	Tubo O.D.	Tubo O.D.	Filetto thread	Peso (g) weight	
ABU0101	5/32"	5/32"	M16XP1	5,5	300
ABU0303	3/16"	3/16"	M16XP1	8,3	300
ABU0404	1/4"	1/4"	M16XP1	10,4	250
ABU0406		3/8"	M20XP1,5	12,5	200
ABU0505	5/16"	5/16"	M20XP1,5	11,6	150
ABU0604		1/4"	M20XP1,5	12,9	150
ABU0606	3/8"	3/8"	M20XP1,5	9,2	150
ABU0707	1/2"	1/2"	M27XP1,5	20,0	70

intermedio a gomito • elbow union

AEU



CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
AEU0101	5/32"	5/32"	2,9	700
AEU0303	3/16"	3/16"	3,3	700
AEU0404	1/4"	1/4"	4,9	400
AEU0501		5/32"	3,7	400
AEU0503		3/16"	4,0	400
AEU0504	5/16"	1/4"	6,0	300
AEU0505		5/16"	5,8	200
AEU0603		3/16"	8,5	200
AEU0604		1/4"	8,3	200
AEU0605	3/8"	5/16"	9,0	200
AEU0606		3/8"	8,2	200
AEU0704		1/4"	10,0	150
AEU0705	1/2"	5/16"	9,0	150
AEU0706		3/8"	24,9	150
AEU0707		1/2"	23,5	150

gomito codolo • tube elbow union

ATEU



CODE	Tubo O.D.	Codolo Stem O.D.	Peso (g) weight	
ATEU0101	5/32"	5/32"	2,5	800
ATEU0303		3/16"	2,0	600
ATEU0306	3/16"	3/8"	4,0	500
ATEU0404	1/4"	1/4"	3,8	500
ATEU0406		3/8"	4,4	400
ATEU0505	5/16"	5/16"	4,1	400
ATEU0506		3/8"	5,7	350
ATEU0606		3/8"	10,2	250
ATEU0607	3/8"	1/2"	13,0	200
ATEU0707	1/2"	1/2"	13,0	200

adattatore a codolo conico BSPT • stem adapter BSPT thread

ASABT



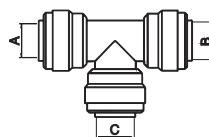
CODE	Tubo O.D.	Filetto Thread BSPT	Peso (g) weight	
ASABT0302	3/16"	R1/8"	3,2	800
ASABT0504		R1/4"	4,4	400
ASABT0506	5/16"	R3/8"	6,4	300
ASABT0604		R1/4"	6,0	400
ASABT0606	3/8"	R3/8"	6,0	300
ASABT0707	1/2"	R1/2"	11,9	150

ATU



intermedio a T • tee union

CODE	Tubo O.D. (A)	Tubo O.D. (B)	Tubo O.D. (C)	Peso (g) weight	
ATU010101	5/32"	5/32"	5/32"	6,3	350
ATU030303	3/16"	3/16"	3/16"	6,9	350
ATU040404	1/4"	1/4"	1/4"	7,1	300
ATU050505	5/16"	5/16"	5/16"	10,0	250
ATU060604		3/8"	1/4"	13,9	150
ATU060606	3/8"	3/8"	3/8"	13,1	150
ATU070706		1/2"	3/8"	19,7	100
ATU070707	1/2"	1/2"	1/2"	21,0	100



adattatore a codolo filetto BSW
stem adapter BSPW thread

ASAW



CODE	Tubo O.D.	Filetto Thread BSPW	Peso (g) weight	
ASAW059/16	5/16"	9/16"	4,5	150
ASAW0607	3/8"	1/2"	5,1	150
ASAW069/16	3/8"	9/16"	6,0	150

diritto femmina filetto UNS estremità interna conica
female adapter UNS thread conic inside

AFAU



CODE	Tubo O.D.	Filetto Thread UNS	Peso (g) weight	
AFAU047/16C	1/4"	7/16"-24	4,1	400
AFAU057/16C	5/16"	7/16"-24	7,2	350
AFAU067/16C	3/8"	7/16"-24	10,6	300



INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI

acetal resin inch size push-in fittings

diritto femmina filetto UN (V-type)
female adapter UN (V-type) thread



diritto femmina conico NPTF
female adapter NPTF thread

AFAUN

CODE	Tubo O.D.	Filetto Thread UN	Peso (g) weight	
AFAUN051/2V	5/16"	1/2"-16	8,7	350
AFAUN061/2V	3/8"	1/2"-16	5,8	200
AFAUN071/2V	1/2"	1/2"-16	7,4	150



AFA

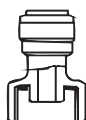
CODE	Tubo O.D.	Filetto Thread NPTF	Peso (g) weight	
AFA0402		1/8"	3,6	400
AFA0404	1/4"	1/4"	4,5	400
AFA0502		1/8"	5,9	300
AFA0504	5/16"	1/4"	5,2	300
AFA0602		1/8"	3,7	300
AFA0604	3/8"	1/4"	6,2	300



diritto femmina cilindrico BSPP estremità interna conica
female adapter BSPP thread conic inside

AFAB

CODE	Tubo O.D.	Filetto Thread BSPP	Peso (g) weight	
AFA0406C	1/4"	G3/8"	6,7	250
AFA0407C		G1/2"	8,6	200
AFA0506C	5/16"	G3/8"	10,3	200
AFA0507C		G1/2"	12,0	200
AFA0606C		G3/8"	7,9	200
AFA0607C	3/8"	G1/2"	12,4	200
AFA0608C		G5/8"	12,1	150
AFA0708C	1/2"	G5/8"	10,5	150



AFAB

CODE	Tubo O.D.	Filetto Thread BSPP	Peso (g) weight	
AFA0508F	5/16"	G5/8"	12,0	250
AFA0607F	3/8"	G1/2"	12,0	200
AFA0608F		G5/8"	13,0	150
AFA0706F		G3/8"	17,0	200
AFA0707F	1/2"	G1/2"	15,0	150
AFA0708F		G5/8"	17,0	150



adattatore femmina cilindrico BSP
female adapter BSPP thread

AFAB

CODE	Tubo O.D.	Filetto Thread BSPP	Peso (g) weight	
AFA0409F	1/4"	G3/4"	37,0	100
AFA0509F	5/16"	G3/4"	36,0	100
AFA0609F	3/8"	G3/4"	38,0	100



filetto femmina in ottone • brass female thread

adattatore femmina filetto NH
female adapter NH thread

AFAN

CODE	Tubo O.D.	Filetto Thread NH	Peso (g) weight	
AFA0409F	1/4"	3/4"	34,0	100
AFA0509F	5/16"	3/4"	35,0	100
AFA0609F	3/8"	3/4"	37,0	100



filetto femmina in ottone • brass female thread

diritto femmina filetto UNF estremità interna conica
female adapter UNF thread cone inside

AFAUF

CODE	Tubo O.D.	Filetto Thread NH	Peso (g) weight	
AFAUF047/16C	1/4"	7/16"-20	4,4	400
AFAUF057/16C	5/16"	7/16"-20	8,4	300
AFAUF067/16C	3/8"	7/16"-20	7,8	300



AFAUF

diritto femmina filetto UNF (V-type)
female adapter UNF (v-type) thread

CODE	Tubo O.D.	Filetto Thread UNF	Peso (g) weight	
AFAUF047/16V	1/4"	7/16"-20	3,0	400
AFAUF057/16V	5/16"	7/16"-20	4,4	300
AFAUF067/16V	3/8"	7/16"-20	6,0	300
AFAUF065/8V		5/8"-18	5,3	300



7/16" UNF = 1/4" MFL
5/8" UNF = 3/8" MFL

INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI acetal resin inch size push-in fittings



tappo • plug

APL



CODE	Codolo Stem O.D.	Peso (g) weight	
APL01	5/32"	1,3	1000
APL03	3/16"	1,4	1000
APL04	1/4"	1,1	1000
APL05	5/16"	1,9	700
APL06	3/8"	2,6	500
APL07	1/2"	3,9	400

ATWD



intermedio a Y • two way divider

CODE	Tubo IN	Tubo OUT	Peso (g) weight	
ATWD0101	5/32"	5/32"	3,6	400
ATWD0404	1/4"	1/4"	5,9	300
ATWD0505	5/16"	5/16"	9,8	200
ATWD0605	5/16"	5/16"	12,5	150
ATWD0606	3/8"	3/8"	10,5	150
ATWD0607	1/2"	1/2"	14,6	100
ATWD0707	1/2"	1/2"	17,0	100

tappo terminale • tube end stop

ATES



CODE	Tubo O.D.	Peso (g) weight	
ATES04	1/4"	1,4	700
ATES05	5/16"	1,6	600
ATES06	3/8"	3,2	300
ATES07	1/2"	6,1	300

ATEB



codolo portagomma a gomito • tube elbow barb connector

CODE	Codolo Stem O.D.	Tubo I.D.	Peso (g) weight	
ATEB0404	1/4"	1/4"	1,8	800
ATEB0405	1/4"	5/16"	1,5	800
ATEB0504	5/16"	1/4"	2,4	800
ATEB0505	5/16"	5/16"	4,9	600
ATEB0604	3/8"	1/4"	7,4	600
ATEB0605	3/8"	5/16"	7,6	600
ATEB0606	3/8"	3/8"	3,0	550

codolo portagomma • tube barb connector

ATBC



CODE	Codolo Stem O.D.	Tubo I.D.	Peso (g) weight	
ATBC0403	1/4"	3/16"	0,9	1000
ATBC0404	1/4"	1/4"	1,0	1000
ATBC0405	5/16"	5/16"	1,7	800
ATBC0503	5/16"	3/16"	2,2	700
ATBC0504	5/16"	1/4"	1,3	700
ATBC0505	5/16"	5/16"	1,5	700
ATBC0506	5/16"	3/8"	1,1	700
ATBC0604	3/8"	1/4"	1,6	500
ATBC0605	3/8"	5/16"	1,7	500
ATBC0606	3/8"	3/8"	2,6	400
ATBC0607	1/2"	1/2"	4,0	300
ATBC0706	1/2"	3/8"	4,9	300
ATBC0707	1/2"	1/2"	4,9	300

ARD



riduzione • reducer

CODE	Tubo O.D.	Codolo Stem O.D. (mm)	Peso (g) weight	
ARD0104	5/32"	1/4"	2,0	800
ARD0305	3/16"	5/16"	2,9	700
ARD0306	3/16"	3/8"	2,3	600
ARD0405	1/4"	5/16"	1,5	700
ARD0406	1/4"	3/8"	2,7	500
ARD0506	5/16"	3/8"	4,3	400
ARD0507	5/16"	1/2"	6,4	300
ARD0607	3/8"	1/2"	3,3	300

intermedio a gomito 45° • offset connector 45°

AOC



CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
AOC0604	3/8"	1/4"	2,7	300
AOC0705	1/2"	5/16"	13,4	200

ADEU



gomito a codolo per dispenser • dispensing elbow union

CODE	Tubo O.D.	Codolo Stem O.D.	Peso (g) weight	
ADEU0606	3/8"	3/8"	6,0	250

INNESTI RAPIDI IN RESINA ACETALICA TUBO POLLICI acetal resin inch size push-in fittings



intermedio a 3 vie • three way divider

ATHWD



CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
ATHWD0604	3/8"	1/4"	20,4	150
ATHWD0706	1/2"	3/8"	42,8	50

AUB



doppia giunzione a U • U bend

CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
AUB0404	1/4"	1/4"	5,4	300
AUB0505	5/16"	5/16"	6,4	250
AUB0606	3/8"	3/8"	10,7	150
AUB0707	1/2"	1/2"	16,6	100

intermedio a croce • cross junction

ACR



CODE	Tubo O.D.	Peso (g) weight	
ACR0101	5/32"	7,2	300
ACR0404	1/4"	7,4	250
ACR0505	5/16"	8,3	200
ACR0606	3/8"	19,2	100
ACR0707	1/2"	25,3	80

ADST



codolo per dispenser • dispensing stem

CODE	Codolo Stem O.D.	Codolo Stem O.D.	Peso (g) weight	
ADST0606	3/8"	3/8"	1,0	400

riduzione F/F cilindrica BSPP
F/F reducer BSPP thread

ABFU



CODE	Filetto Thread BSPP (A)	Filetto Thread BSPP (B)	Peso (g) weight	
ABFU0409	G3/4"	G1/4"	13,0	100



ACCESSORI • accessories

clip di bloccaggio • locking clip

ALC

CODE	Tubo O.D. (mm)	Colori standard standard colours	Peso (g) weight	
ALC05M	5	●	0,2	12.000
ALC06M	6	●	0,2	10.000
ALC08M	8	●	0,2	8.000
ALC10M	10	●	0,3	7.000
ALC12M	12	●	0,5	5.000
ALC15M	15	● ●	0,8	4.000
ALC16M	16	●	0,8	4.000
ALC18M	18	●	0,8	3.000
ALC22M	22	●	0,9	2.000
ALC28M	28	●	3,0	2.000



ALC

clip di bloccaggio • locking clip

CODE	Tubo O.D.	Colori standard standard colours	Peso (g) weight	
ALC03	3/16"	●	0,1	12.000
ALC04	1/4"	● ●	0,2	10.000
ALC05	5/16"	● ●	0,2	8.000
ALC06	3/8"	● ●	0,3	7.000
ALC07	1/2"	●	0,5	5.000



colletti colorati con pinza • colored collets

CL

CODE	Misure Sizes (mm)	Colori standard standard colours	Peso (g) weight	
CL04M	4	● ● ●	0,2	1.000
CL05M	5	● ● ●	0,2	1.000
CL06M	6	● ● ● ● ●	0,3	1.000
CL08M	8	● ● ● ●	0,4	1.000
CL10M	10	● ● ● ●	0,6	1.000
CL12M	12	● ● ● ●	0,9	1.000
CL15M	15	●	1,0	1.000
CL22M	22	●	2,0	1.000



colletti colorati con pinza • colored collets

CL

CODE	Misure Sizes	Colori standard standard colours	Peso (g) weight	
CL01	5/32"	● ○	0,2	1.000
CL03	3/16"	● ○	0,2	1.000
CL04	1/4"	● ○	0,3	1.000
CL05	5/16"	● ○	0,4	1.000
CL06	3/8"	● ○	0,6	1.000
CL07	1/2"	● ○	0,9	1.000



copricolletto • collet cover

ACOV

CODE	Tubo O.D. (mm)	Peso (g) weight	
ACOV06M	6	0,5	700
ACOV08M	8	0,7	600
ACOV10M	10	0,7	600
ACOV12M	12	0,9	500
ACOV15M	15	2,0	500
ACOV16M	16	1,5	500
ACOV18M	18	2,0	400
ACOV22M	22	2,0	300
ACOV28M	28	2,1	200



copricolletto • collet cover

ACOV

CODE	Misure Sizes	Peso (g) weight	
ACOV04	1/4"	0,6	700
ACOV05	5/16"	0,8	600
ACOV06	3/8"	0,9	600
ACOV07	1/2"	1,0	500



fascetta curva • flow bend clip

AFBC

CODE	Tubo O.D. (mm)	Peso (g) weight	
AFBC08M	8	4,1	300
AFBC10M	10	11,6	200



fascetta curva • flow bend clip

AFBC

CODE	Tubo O.D.	Peso (g) weight	
AFBC05	5/16"	4,1	400
AFBC06	3/8"	11,6	200



il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vynil bag

supporto tubo • tube support

ATS



CODE	Tubo O.D. (mm)	Tubo I.D. (mm)	Peso (g) weight	
ATS06M	6	4	0,4	3.500
ATS08M	8	6	0,7	3.000
ATS10M	10	7	0,9	1.600
ATS12M	12	9	0,7	800
ATS15M	15	11,4	2,0	600
ATS16M	16	12	2,0	600
ATS18M	18	14	2,0	400
ATS22M	22	17,6	4,0	500
ATS28M	28	23	5,0	300

Si consiglia l'utilizzo del supporto tubo "ATS" con tubi morbidi od a parete molto sottile
The tube support is recommended to be used with very soft or very thin walled tubing

ATS



supporto tubo • tube support

CODE	Tubo O.D.	Tubo I.D.	Peso (g) weight	
ATS04	1/4"	0,170	0,4	3.500
ATS05	5/16"	0,216	0,5	3.000
ATS06	3/8"	1/4"	0,6	1.500
ATS07	1/2"	0,350	0,7	800

Si consiglia l'utilizzo del supporto tubo "ATS" con tubi morbidi od a parete molto sottile
The tube support is recommended to be used with very soft or very thin walled tubing

pinza tagliatubo (nylon) • hand tube cutter (nylon)

NHTC



CODE	Tubo O.D. (minimo minimum)	Tubo O.D. (massimo maximum)	Peso (g) weight	
NHTC08	4mm-5/32"	16mm-5/8"	153,0	1

NFBC



fascetta curva in nylon • nylon flow bend clip

CODE	Tubo O.D.	Peso (g) weight	
NFBC08	1/2"(12mm) to 5/8"(16mm)	120,0	1

set chiavi • spanner

SP



CODE	Tubo O.D.	Peso (g) weight	
SP	4mm-6mm-8mm-10mm-12mm 3/16"-1/4"-5/16"-3/8"-1/2"	95,6	1

TC



tagliatubo nero • black tube cutter

CODE	Tubo O.D.	Peso (g) weight	
TC	max 1/2" o 12mm.	87,5	1

fascetta stringitubo (nylon) - tube locking clamp (nylon)

NTLC



CODE	Tubo O.D.	Peso (g) weight	
NTLC	16mm-5/8"	145,0	200



VALVOLE E REGOLATORI DI FLUSSO valves & flow regulators

REGOLATORI DI FLUSSO TUBO METRICO E TUBO POLLICI metric & inch size control valves

Caratteristiche:

Concepiti in modo da avere una lunga durata nel tempo, possono essere usati con diversi tipi di fluidi. Se utilizzati con sostanze diverse da aria o acqua, fare riferimento alla tabella compatibilità chimica allegata o consultare l'Ufficio Tecnico Tierre Group.

Si raccomanda comunque di non applicare eccessive vibrazioni, rotazioni improprie, shock o qualsiasi altro tipo di carico pesante sui regolatori perché il corpo del regolatore ed il colletto si potrebbero danneggiare. Se ne consiglia inoltre l'utilizzo in presenza di CO₂.

Colore Regolatori Tubo Metrico: Nero e Tubo in Pollici: Bianco

Features:

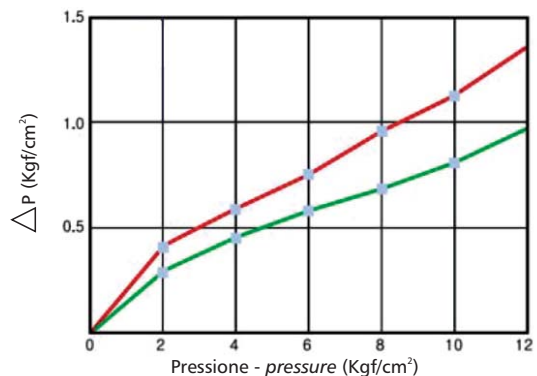
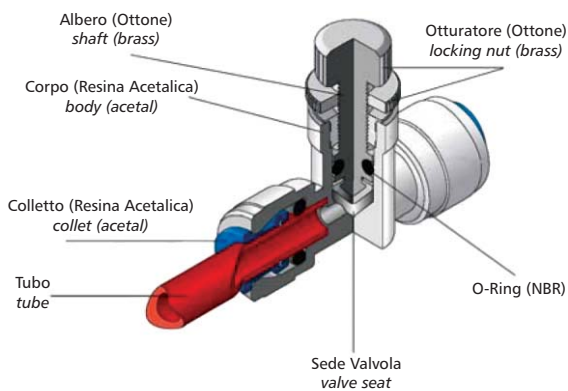
Designed for being highly durable, they can be used with a variety of fluids.

However, when using other than water or air, please refer to the chemical compatibility table or consult Tierre Group technical department.

We recommend do not apply excessive vibration, torque, shock or other strong loads on the regulators as the valve body and the collects can be damaged. It is suggested not to use with CO₂.

Colour: Metric Size : Black & Inch Size: White

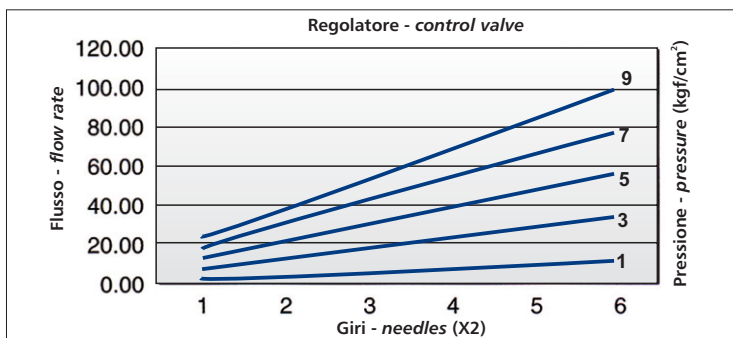
SEZIONE INTERNA • Construction



— tubo 1/4" e tubo 6 mm. / tube 1/4" and tube 6 mm.
— tubo 3/8" e tubo 10 mm. / tube 3/8" and tube 10 mm.

PRESSIONE D'ESERCIZIO E TEMPERATURA • Working Pressure & Temperature

Pressione • pressure	10 Bar	4 Bar
Temperatura • temperature	1°C (35°F) ~ 20°C (70°F)	65°C (150°F)



I valori a fianco indicati possono cambiare a seconda delle variazioni di temperatura e condizioni di utilizzo

The data on the left table may vary depending on the temperature variations and using conditions

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 **REACH**

products in compliance with the directive 2002/95/EC **RoHS**

products in compliance with the directive 1907/2006 **REACH**

I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

REGOLATORI DI FLUSSO TUBO METRICO E TUBO POLLICI
metric & inch size control valves



regolatore di flusso intermedio • control valve union connector

ACUC



CODE	Tubo O.D. mm	Tubo O.D. mm	Peso (g) weight	
ACUC0606M	6	6	17,9	200
ACUC1010M	10	10	28,1	150

ACUC



regolatore di flusso intermedio • control valve union connector

CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
ACUC0404	1/4"	1/4"	17,9	250
ACUC0606	3/8"	3/8"	28,1	150

regolatore di flusso intermedio a gomito
control valve elbow union

ACEU



CODE	Tubo O.D. mm	Tubo O.D. mm	Peso (g) weight	
ACEU0606M	6	6	19,7	250
ACEU1010M	10	10	30,0	150

ACEU



regolatore di flusso intermedio a gomito
control valve elbow union

CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
ACEU0404	1/4"	1/4"	19,7	250
ACEU0606	3/8"	3/8"	30,0	150

regolatore di flusso a gomito femmina BSPT
control valve female adapter BSPT thread

ACFA



CODE	Tubo O.D. mm	Filetto thread BSPT	Peso (g) weight	
ACFA0604M	6	R1/4"	18,3	200
ACFA1006M	10	R3/8"	13,1	150

ACFA



regolatore di flusso a gomito femmina NPTF
control valve female adapter NPTF thread

CODE	Tubo O.D.	Filetto thread NPTF	Peso (g) weight	
ACFA0404	1/4"	1/4"	18,3	250
ACFA0606	3/8"	3/8"	13,1	150

regolatore di flusso maschio BSPT
control valve male connector BSPT thread

ACMC



CODE	Tubo O.D. mm	Filetto thread BSPT	Peso (g) weight	
ACMC0604M	6	R1/4"	9,0	250
ACMC1006M	10	R3/8"	13,8	150

ACMC



regolatore di flusso maschio NPTF
control valve male connector NPTF thread

CODE	Tubo O.D.	Filetto thread NPTF	Peso (g) weight	
ACMC0404	1/4"	1/4"	9,0	250
ACMC0606	3/8"	3/8"	13,8	150

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vynil bag

VALVOLE TUBO METRICO E TUBO POLLICI metric & inch size hand valves



Caratteristiche:

Concepiti in modo da avere una lunga durata nel tempo, possono essere usate con diversi tipi di fluidi.

Se utilizzate con sostanze diverse da aria o acqua, fare riferimento alla tabella compatibilità chimica allegata o consultare l'Ufficio Tecnico Tierre Group.

Si raccomanda comunque di non applicare eccessive vibrazioni, rotazioni improprie, shock o qualsiasi altro tipo di carico pesante sulle valvole perché il corpo della valvola ed il colletto si potrebbero danneggiare.

In base alla rotazione della leva è possibile il controllo del flusso parziale

Colore: Valvole Tubo Metrico: Nero e Tubo in Pollici: Bianco

Massima coppia di serraggio: 0,2 N-M

Features:

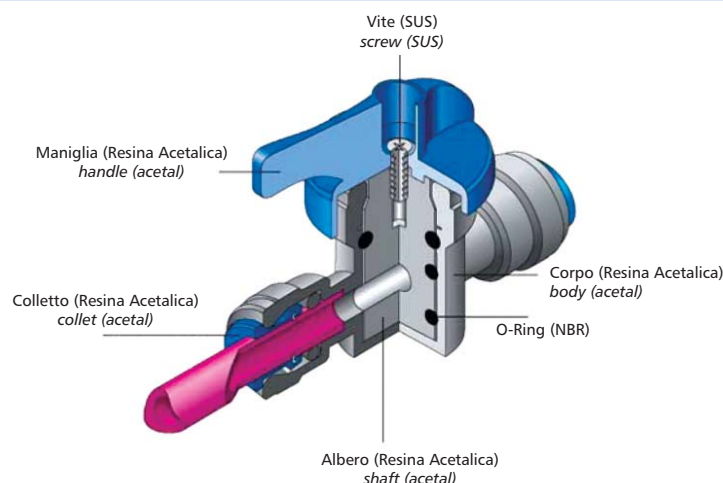
Designed for being highly durable, they can be used with a variety of fluids. However, when using other than water or air, please refer to the attached chemical compatibility table or consult Tierre Group technical department.

We recommend do not apply excessive vibration, torque, shock or other strong loads on the hand valves as the valve body and the collects can be damaged. It's possible the partial flow control according to the turn of the handle

colour: Metric Size : Black & Inch Size: White

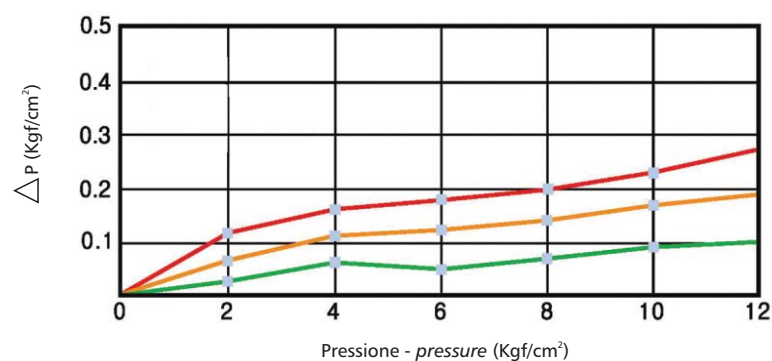
Max. handle torque: 0,2 N-M

SEZIONE INTERNA • Construction



PRESSIONE D'ESERCIZIO E TEMPERATURA • Working Pressure & Temperature

Pressione • pressure	Temperatura Temperature	Pressione Pressure
Aria • Air	-20°C	10 Bar
Liquidi • Liquids	1°C	10 Bar
	20°C	10 Bar
	65°C	7 Bar



■ tubo 1/4" e tubo 6 mm. / tube 1/4" and tube 6 mm.
■ tubo 3/8" e tubo 10 mm. / tube 3/8" and tube 10 mm.
■ tubo 1/2" e tubo 12 mm. / tube 1/2" and tube 12 mm.

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

products in compliance with the directive 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006



products in compliance with the directive 1907/2006



I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

VALVOLE TUBO METRICO E TUBO POLLICI
metric & inch size hand valves



valvola maschio BSPT • hand valve male connector BSPT thread

AHMC



CODE	Tubo O.D. mm	Filetto thread BSPT	Peso (g) weight	
AHMC0604M	6	R1/4"	13,8	150
AHMC1006M	10	R3/8"	22,2	100
AHMC1207M	12	R1/2"	30,0	70

AHMC



valvola maschio NPTF • hand valve male connector NPTF thread

CODE	Tubo O.D.	Filetto thread NPTF	Peso (g) weight	
AHMC0404	1/4"	1/4"	13,8	150
AHMC0606	3/8"	3/8"	22,2	100
AHMC0707	1/2"	1/2"	30,0	70

valvola intermedia • hand valve union connector

AHUC



NEW

CODE	Tubo O.D. mm	Tubo O.D. mm	Peso (g) weight	
AHUC0606M	6	6	14,7	150
AHUC0808M	8	8	18,4	100
AHUC1010M	10	10	22,7	100
AHUC1212M	12	12	32,0	70
AHUC1510M	15	10	61,0	50
AHUC1515M	15	15	63,0	40
AHUC1610M	16	10	55,0	50
AHUC1616M	16	16	61,0	50
AHUC2222M	22	22	125,0	20



CODE	Tubo O.D. mm	Tubo O.D.	Peso (g) weight	
AHUC16M06	16	3/8"	55,0	40

AHUC



valvola intermedia • hand valve union connector

CODE	Tubo O.D.	Tubo O.D.	Peso (g) weight	
AHUC0404	1/4"	1/4"	14,7	150
AHUC0606	3/8"	3/8"	22,7	100
AHUC0707	1/2"	1/2"	32,0	70

valvola femmina conica BSPT
hand valve female adapter BSPT thread

AHFA



CODE	Tubo O.D. mm	Filetto thread BSPT	Peso (g) weight	
AHFA0604M	6	R1/4"	13,0	150
AHFA1006M	10	R3/8"	20,0	100
AHFA1007M	10	R1/2"	29,0	100
AHFA1206M	12	R3/8"	33,0	70
AHFA1207M	12	R1/2"	29,4	70

CODE	Tubo O.D. mm	Tubo O.D.	Peso (g) weight	
AHFA1506M	15	R3/8"	62,0	40
AHFA1507M	15	R1/2"	60,0	40
AHFA1606M	16	R3/8"	61,0	40
AHFA1607M	16	R1/2"	59,0	40

AHFA



valvola femmina NPTF
hand valve female adapter NPTF thread

CODE	Tubo O.D.	Filetto thread NPTF	Peso (g) weight	
AHFA0404	1/4"	1/4"	13,0	150
AHFA0606	3/8"	3/8"	20,0	100
AHFA0607	3/8"	1/2"	38,4	80
AHFA0706	1/2"	3/8"	41,6	70
AHFA0707	1/2"	1/2"	49,4	70

valvola intermedia femmina conica BSPT
hand valve female adapter union connector BSPT thread

AHFAUC



CODE	Tubo O.D. mm	Filetto thread BSPT	Peso (g) weight	
AHFAUC1007M	10	R1/2"	33,0	100

valvola intermedia femmina NPTF
hand valve female adapter union connector NPTF thread

AHFAUC



CODE	Tubo O.D.	Filetto thread NPTF	Peso (g) weight	
AHFAUC0607	3/8"	1/2"	38,0	100

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vynil bag

VALVOLE TUBO METRICO E TUBO POLLICI
metric & inch size hand valves



valvola a tre vie forata a L
three way valve L port

ATWV



CODE	Tubo O.D mm	Tubo O.D mm	Tubo O.D mm	Peso (g) weight	
ATWV121212M	12	12	12	31,4	20
ATWV161616M	16	16	16	42,5	20

AHUCS



valvola intermedia (manopola corta)
hand valve union connector (short handle)

CODE	Tubo O.D	Tubo O.D	Peso (g) weight	
AHUCS0606	3/8"	3/8"	26,0	100

valvola portagomma • hand barb connector

AHBC



CODE	Tubo O.D mm	Tubo I.D.	Peso (g) weight	
AHBC1507M	15	1/2"	28,0	100
AHBC2207M	22	1/2"	39,0	60
AHBC2209M	22	3/4"	48,0	50

AMCLP



staffa di montaggio • mounting clip

CODE	Misura size	Peso (g) weight	
AMCLP06	3/8"	5,0	200

valvola maschio cilindrico BSPP
hand valve male connector BSPP thread

AHVMCB



CODE	Tubo O.D mm	Filetto thread BSPP	Peso (g) weight	
AHVMCB1509M	15	3/4"	67,0	30

valvola a farfalla
throttle valve connector

ATHC



CODE	Tubo O.D mm	Tubo O.D mm	Peso (g) weight	
ATHC1515M	15	15	93,0	20
ATHC2222M	22	22	155,0	10

valvola di arresto • hand stop valve connector

AHSV



CODE	Tubo O.D mm	Filetto thread BSPT	Peso (g) weight	
AHSV1515M	15	15	35,0	80
AHSV2215M	22	22	49,0	60

VALVOLE DI NON RITORNO check valves



Caratteristiche:

Concepite in modo da avere una lunga durata nel tempo, possono essere usate con diversi tipi di fluidi. Se utilizzate con sostanze diverse da aria o acqua, fare riferimento alla tabella compatibilità chimica allegata o consultare l'Ufficio Tecnico Tierre Group.

Si raccomanda comunque di non applicare eccessive vibrazioni, rotazioni improprie, shock o qualsiasi altro tipo di carico pesante sulle valvole di non ritorno perché il corpo della valvola ed il colletto si potrebbero danneggiare.

Nonostante le dimensioni compatte le valvole di non ritorno offrono elevate prestazioni.

Colore: Valvole Tubo Metrico: Nero e Tubo in Pollici: Bianco

La pressione minima di apertura è 0,1 Bar

Features

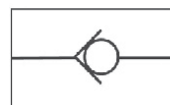
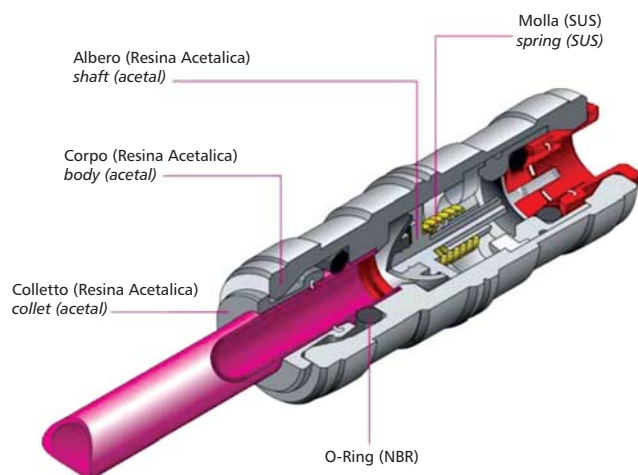
Designed for being highly durable, they can be used with a variety of fluids. However, when using other than water or air, please refer to the attached chemical compatibility table or consult Tierre Group technical department. We recommend do not apply excessive vibration, torque, shock or other strong loads on the check valves as the valve body and the collects can be damaged.

Superior function in a compact size

Colour: Metric Size : Black & Inch Size: White

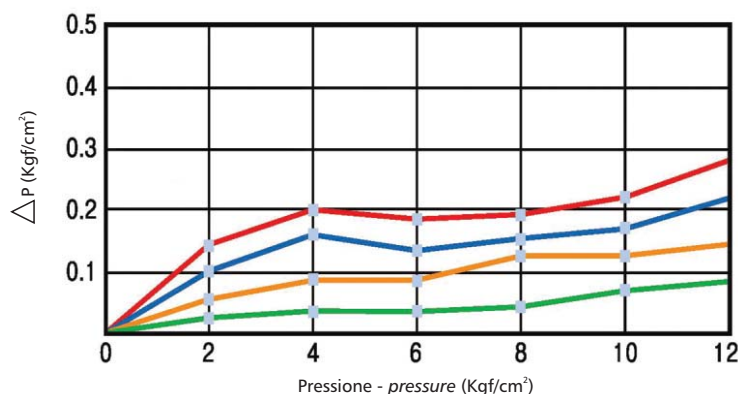
The minimum pressure to open the check valve is 0,1 Bar

SEZIONE INTERNA • Construction



PRESSIONE D'ESERCIZIO E TEMPERATURA - Working Pressure & Temperature

Pressione • pressure	10 Bar	5 Bar
Temperatura • temperature	1°C (35°F) ~ 20°C (70°F)	65°C (150°F)



■ tubo 1/4" e tubo 6 mm. / tube 1/4" and tube 6 mm.
■ tubo 5/16" e tubo 8 mm. / tube 5/16" and tube 8 mm.
■ tubo 3/8" e tubo 10 mm. / tube 3/8" and tube 10 mm.
■ tubo 1/2" e tubo 12 mm. / tube 1/2" and tube 12 mm.

valvola di non ritorno • check valve

ACHV



CODE	Outlet (mm)	Inlet (mm)	Peso (g) weight	
ACHV0606M	6	6	6,7	250
ACHV0808M	8	8	15,8	200
ACHV1010M	10	10	18,5	200
ACHV1212M	12	12	27,3	150

ACHV



valvola di non ritorno • check valve

CODE	Outlet	Inlet	Peso (g) weight	
ACHV0404	1/4"	1/4"	6,7	300
ACHV0405	1/4"	5/16"	11,5	250
ACHV0505	5/16"	5/16"	15,8	250
ACHV0606	3/8"	3/8"	18,5	200
ACHV0707	1/2"	1/2"	27,3	150

valvola di non ritorno doppia
double check valve

ADCHV



CODE	Tubo O.D. mm	Tubo O.D. mm	Peso (g) weight	
ADCHV1515M	15	15	38,0	100

AMCHV



valvola di non ritorno mini a gomito
elbow mini check valve

CODE	Tubo O.D.	Filetto thread NPTF	Peso (g) weight	
AMCHV0402	1/4"	1/8"	4,0	500

Pressione - pressure - 1kgf/cm² - 980cc/min

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vynil bag



FILTRI • filters

Caratteristiche:

- Compatibili con i raccordi alimentari ed il tubo PE Tierre Group.
- Colori: Nero : Serie Tubo Metrico
Grigio: Serie Tubo in Pollici
- "Tazza" e Corpo sono estraibili garantendo un facile utilizzo ed una corretta pulizia
- Utilizzabili con diverse sostanze chimiche e gas. In ogni caso se utilizzati con sostanze diverse da acqua o aria consultare il Servizio Clienti Tierre Group.
- Evitare vibrazioni, rotazioni, strappi, shock ed altri usi impropri al fine di non compromettere la funzionalità del corpo e del colletto dei filtri.

Features:

- compatible with Tierre Group fittings for food & PE tube
- Colours: Black - Metric Size
Gray - Inch Size
- the detachable cap & body allow for easy servicing and cleaning
- can be used with a variety of chemicals and gases. However, when using with other than water or air, please refer to Tierre Group Customer Service
- do not apply excessive vibration, torque, shock or other strong loads to the filter.
The filter body may be damaged or collets may be dislocated.

PRESSIONE D'ESERCIZIO E TEMPERATURA • Working Pressure & Temperature

Misure • size	1/4" 6 mm	5/16" 8 mm	3/8" 10 mm	1/2" 12 mm
Pressione • pressure	170 psi			
Temperatura • temperature	Aria - air -20°C (-4°F) ~ 65°C(150°F) liquidi - liquids			

- I valori di massima pressione sono riferiti all'utilizzo dei filtri a temperatura ambiente
- maximum pressure values are based on use at room temperature
- Consultare il Servizio Clienti Tierre Group se i filtri sono usati a temperature e pressioni elevate
- consult Tierre Group Customer Service when using at continuous elevated temperature & pressure

MATERIALE E MESH • Filter Material & Mesh Size

Mesh	Standard	A richiesta - special order	
	100 mesh	150 mesh	200 mesh
Materiale • Materials	SUS		

- I modelli standard sono con filtrazione da 100 mesh - standard models are provided with 100 mesh size elements.
- 150 e 200 mesh sono disponibili solo su richiesta - 150 & 200 mesh are available only on special customer's demand

Prodotti conformi alla direttiva 2002/95/EC 

Prodotti conformi alla direttiva 1907/2006 

products in compliance with the directive 2002/95/EC 

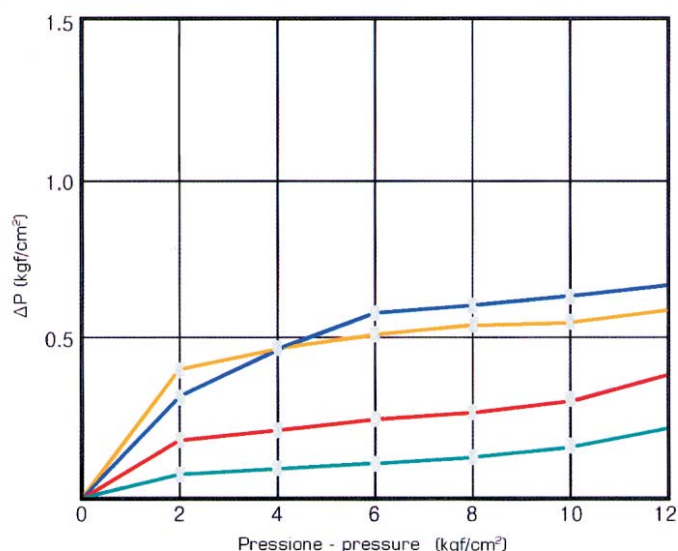
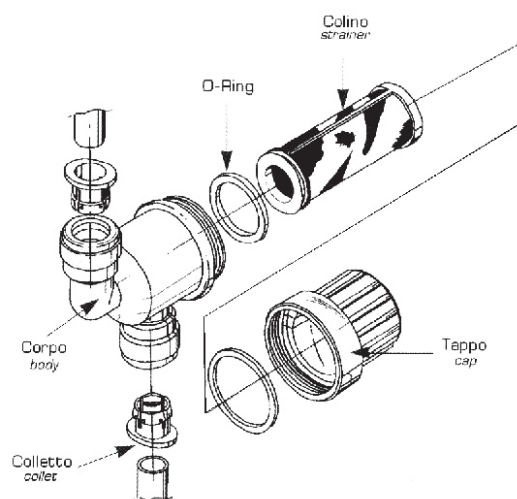
products in compliance with the directive 1907/2006 

I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

FILTRI • filters



SEZIONE INTERNA • Construction



- tubo 1/4" e tubo 6 mm. / tube 1/4" and tube 6 mm.
- tubo 5/16" e tubo 8 mm. / tube 5/16" and tube 8 mm.
- tubo 3/8" e tubo 10 mm. / tube 3/8" and tube 10 mm.
- tubo 1/2" e tubo 12 mm. / tube 1/2" and tube 12 mm

filtri per acqua • water filter

ADMF



CODE	Outlet (mm)	Inlet (mm)	Peso (g) weight	
ADMF0606M	6	6	28,2	50
ADMF0808M	8	8	25,4	50
ADMF1010M	10	10	30,4	50
ADMF1212M	12	12	36,0	40

filtri per acqua • water filter

ADMF



CODE	Outlet	Inlet	Peso (g) weight	
ADMF0404	1/4"	1/4"	28,2	50
ADMF0505	5/16"	5/16"	25,4	50
ADMF0606	3/8"	3/8"	30,4	50
ADMF0707	1/2"	1/2"	36,0	40

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vynil bag

CARTUCCE • cartridges



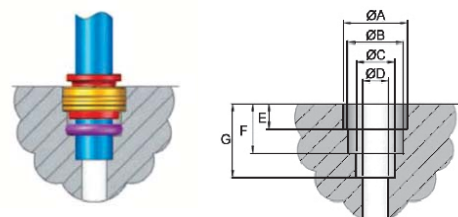
CARTUCCE

- Le cartucce sono disponibili in resina acetica, ottone e acciaio inox
- Facile installazione che riduce il tempo di montaggio

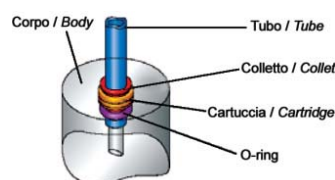
Cartridges

- Cartridge are available in Acetal, Brass and Stainless Steel
- Easy installation and short time to assemble

SEDE PER CARTUCCIA • Cartridge Seat



STRUTTURA • Structure



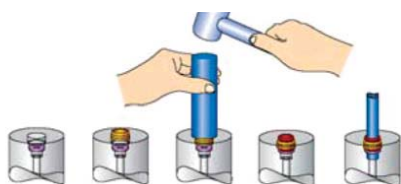
MISURE METRICHE • Metric Size

Size	Ø A ±0.05	Ø B ±0.05	Ø C ±0.05	Ø D ±0.05	E ±0.25	F1 ±0.15	F2 ±0.15	G1 ±0.15	G2 ±0.15
4	12,44	8,05	4,10	2,50	4,59	9,39	11,73	12,75	15,08
5	11,93	8,73	5,10	3,50	4,59	9,39	11,73	12,75	15,08
6	13,46	10,69	6,10	4,00	4,59	9,47	12,22	13,84	16,59
8	13,76	11,81	8,10	6,00	5,41	10,50	12,90	15,63	18,00
10	16,00	14,30	10,10	7,00	6,80	11,98	14,28	18,27	20,87
12	19,68	16,78	12,10	9,00	7,69	13,33	16,27	21,00	24,00
15	22,90	20,20	15,20	12,00	9,00	17,20	20,00	26,30	26,30
22	31,10	27,60	22,20	19,00	10,90	21,10	24,30	31,30	31,30

MISURE IN POLLICI • Inch Size

Size	Ø A ±0.002"	Ø B ±0.002"	Ø C ±0.002"	Ø D ±0.002"	E ±0.01"	F1 ±0.006"	F2 ±0.006"	G1 ±0.006"	G2 ±0.006"
5/32"	0,490	0,317	0,161	0,098	0,181	0,370	0,462	0,502	0,594
3/16"	0,470	0,344	0,197	0,126	0,181	0,370	0,462	0,502	0,594
1/4"	0,530	0,421	0,254	0,169	0,181	0,373	0,477	0,545	0,653
5/16"	0,542	0,465	0,323	0,217	0,213	0,413	0,508	0,615	0,709
3/8"	0,630	0,563	0,378	0,250	0,268	0,472	0,574	0,719	0,822
1/2"	0,775	0,661	0,508	0,374	0,303	0,525	0,629	0,827	0,945

PROCEDURA DI ASSEMBLAGGIO • Cartridge Assembly



PRECAUZIONI

- Colpire leggermente con un attrezzo speciale la cartuccia per l'inserimento nella sede (in alternativa con una base piatta)
- Controllare che la cartuccia non esca dalla sede, tirando leggermente il tubo inserito

CAUTION

- Tap softly with special tool standing for inserting cartridge in to the seat. (Use the tool with flat base if you don't have)
- Please check up the breakaway a cartridge from the seat pulling gently the tube inserted

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 **REACH**

products in compliance with the directive 2002/95/EC **RoHS**

products in compliance with the directive 1907/2006 **REACH**

I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

cartuccia in resina acetica con o'ring in NBR
acetal resin cartridge with NBR o'ring

ACU



CODE	Tubo O.D mm	Peso (g) weight	
ACU04M	4	0,3	2.000
ACU05M	5	0,4	2.000
ACU06M	6	1,23	1.000
ACU08M	8	1,26	1.000
ACU10M	10	1,68	700
ACU12M	12	2,69	500

cartuccia in resina acetica con o'ring in NBR
acetal resin cartridge with NBR o'ring

ACU



CODE	Tubo O.D	Peso (g) weight	
ACU01	5/32"	0,3	2.000
ACU03	3/16"	0,4	2.000
ACU04	1/4"	1,19	1.000
ACU05	5/16"	1,26	1.000
ACU06	3/8"	1,72	700
ACU07	1/2"	2,69	500

cartuccia in ottone con o'ring in NBR
brass cartridge with NBR o'ring

BC



CODE	Tubo O.D mm	Peso (g) weight	
BC04M	4	2,5	2.000
BC05M	5	2,5	1.000
BC06M	6	2,8	1.000
BC08M	8	3,0	1.000
BC10M	10	4,0	700
BC12M	12	5,0	500
BC15M	15	12,0	500
BC22M	22	26,0	300

cartuccia in ottone con o'ring in NBR
brass cartridge with NBR o'ring

BC



CODE	Tubo O.D	Peso (g) weight	
BC01	5/32"	2,5	2.000
BC03	3/16"	2,5	2.000
BC04	1/4"	2,8	1.000
BC05	5/16"	3,0	1.000
BC06	3/8"	4,0	700
BC07	1/2"	5,0	500

cartuccia in acciaio inox con o'ring in NBR
stainless steel cartridge with NBR o'ring

SC



CODE	Tubo O.D mm	Peso (g) weight	
SC04M	4	2,5	2.000
SC05M	5	2,5	1.000
SC06M	6	3,5	1.000
SC08M	8	3,6	1.000
SC10M	10	5,3	700
SC12M	12	5,5	500
SC15M	15	8,2	500
SC22M	22	9,1	300

cartuccia in acciaio inox con o'ring in NBR
stainless steel cartridge with NBR o'ring

SC



CODE	Tubo O.D	Peso (g) weight	
SC01	5/32"	2,5	2.000
SC03	3/16"	1,7	2.000
SC04	1/4"	3,5	1.000
SC05	5/16"	3,6	1.000
SC06	3/8"	5,3	700
SC07	1/2"	8,2	500

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vinyl bag

POWER FITTINGS • power fittings

POWER FITTINGS IN RESINA ACETALICA PER UTILIZZO CON TUBO IN ACCIAIO

I power fittings sono specifici per utilizzo con tubo in acciaio od altri tubi metallici.

Quando si fissa la "ghiera di compressione", l'interazione tra l'anello di supporto ed il colletto consente l'aggraffaggio del tubo ed il corretto funzionamento. Grazie al doppio o'ring viene garantita una più efficace tenuta ad alte temperature.

Si raccomanda l'utilizzo dell'apposito utensile (codice PSP) per avere una migliore ritenzione del tubo.

ACETAL POWER FITTINGS FOR USE WITH STAINLESS STEEL TUBE

Power fittings are manufactured for using with stainless steel tube or other metal tubes.

When you fasten "cap nut", interaction between support ring and collet can grab more completely the tube and the right functioning.

Two o'rings give more sealing effectiveness in the high temperature.

We suggest to use the hand tool (code PSP) in order prevents a breakway of tube from fastening "cap nut".

LEGENDA CODICE - Model designation

AP	SEU	4	18
↓	↓	↓	↓
Codice materiale material	Codice prodotto model item	Diametro Tubo/Power O.D. tube diameter/Power O.D.	Filetto thread size

A resina acetalica
A acetal copolymer
P: power

Misure in pollici inch sizes	
04	1/4"
05	5/16"
06	3/8"

Conico BSPT BSPT thread	
04	R 1/4"
Filetto BSW BSW thread	
9/16	9/16"
Filetto MFL MFL thread	
04	1/4"
06	3/8"

Colore: grigio
colour: grey

TIPI DI FILETTO thread type

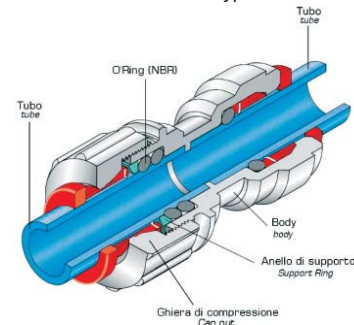
BSPT: Filetto Conico (British standard Pipe Taper Thread)

BSW: Filetto BSW (British standard Whitworth Thread)

MFL: Filetto MFL - MFL thread

Rivolgersi al Servizio Clienti Tierre Group per informazioni più dettagliate riguardo alle varie tipologie di filetti

Ask to Tierre Group Customer Service for more detailed information about the different types of threads



DATI TECNICI

Applicazioni	Acqua e Vuoto
Materiali utilizzati	corpo: resina acetalica colletto: resina acetalica pinza di tenuta: acciaio SUS 304 o'ring: NBR (l'utilizzo di due o'ring garantisce una miglior tenuta)
Filettature	Conica BSPT BSW - MFL
Tubi da utilizzare	Tubo in acciaio inox od altri tubi metallici nella connessione Power Fittings Tubo in polietilene (PE) dove è presente la connessione standard.
Tolleranza Ø esterno tubo	+ 0,004" (± 0,10 mm)

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 **REACH**

Technical specifications

applications	water and vacuum
materials used	body: acetal copolymer collet: acetal copolymer lock claw: stainless steel SUS 304 o'ring: NBR (by inserting 2 o'rings water leakage is prevented)
threads	taper BSPT BSW - MFL
tubes	stainless steel tube or metal tubes with power fittings connection PE (polyethylene) with standard connection
Outer diameter tolerance tube	+ 0,004" (± 0,10 mm)

products in compliance with the directive 2002/95/EC **RoHS**

products in compliance with the directive 1907/2006 **REACH**

il quantitativo minimo è la busta da 10 pz.
the minimum quantity is 10 pcs. in vinyl bag

I dati tecnici e le quote non sono vincolanti • drawings and technical data are not binding

intermedio a gomito power (singolo)
power elbow union (single)

APSEU



CODE	Tubo O.D.	Power O.D.	Peso (g) weight		
APSEU0505	5/16"	5/16"	9,0	250	
APSEU0506		3/8"	10,0	250	
APSEU0604	3/8"	1/4"	9,0	300	
APSEU0605		5/16"	12,0	250	
APSEU0606		3/8"	10,0	250	

APBBC



raccordo portagomma power
power barb connector

CODE	Tubo O.D.	Tubo I.D.	Peso (g) weight		
APBBC0404	1/4"	1/4"	5,0	400	
APBBC0504	5/16"	1/4"	6,0	400	
APBBC0604	3/8"	1/4"	8,0	250	

intermedio a gomito power (doppio)
power elbow union (both)

APBEU



CODE	Power O.D.	Power O.D.	Peso (g) weight		
APBEU0505	5/16"	5/16"	9,0	250	
APBEU0605	3/8"	5/16"	11,0	250	
APBEU0606		3/8"	14,0	200	

APBUC



intermedio diritto power (doppio)
power union connector (both)

CODE	Power O.D.	Power O.D.	Peso (g) weight		
APBUC0505	5/16"	5/16"	7,0	250	
APBUC0606	3/8"	3/8"	13,0	250	

intermedio diritto power (singolo)
power union connector (single)

APSUC



CODE	Tubo O.D.	Power O.D.	Peso (g) weight		
APSUC0505	5/16"	5/16"	6,0	300	
APSUC0506		3/8"	9,0	250	
APSUC0604		1/4"	7,0	250	
APSUC0605	3/8"	5/16"	8,0	250	
APSUC0606		3/8"	10,0	200	

APMCW



diritto maschio BSW power
power male connector BSW thread

CODE	Power O.D.	Filetto thread BSW	Peso (g) weight		
APMCW059/16	5/16"	9/16"-24	7,0	350	
APMCW069/16	3/8"	9/16"-24	8,0	300	

diritto maschio conico BSPT power
power male connector BSPT thread

APMCBT



CODE	Power O.D.	Filetto thread BSPT	Peso (g) weight		
APMCBT0504	5/16"	R1/4"	6,0	400	

APSFBU



curva intermedia power (singolo)
power flow bend union (single)

CODE	Power O.D.	Tubo O.D.	Peso (g) weight		
APSFBU0505	5/16"	5/16"	12,0	200	

chiave power (nylon) • power spanner (nylon)

PSP



CODE	Tubo O.D.	Peso (g) weight		
PSP	5/16"-3/8"	7,0	1	

APMCF



diritto maschio MFL power • power male connector MFL thread

CODE	Power O.D.	Filetto thread MFL	Peso (g) weight		
APMCF0504	5/16"	1/4"	7,0	450	
APMCF0506	5/16"	3/8"	9,0	450	

7/16" - 20 UNF = 1/4" MFL
5/8" - 18 UNF = 3/8" MFL

TABELLA COMPATIBILITA' CHIMICA • chemical compatibility table

Descrizione • description (% , °C)	Ottone brass	SUS 304	Resina Acetalica acetal resin	PBT	PP	NBR	EPDM
soda caustica (10%, 20°C) - caustic soda (10%, 20°C)	PI	PI	MA	PI	A	A	MA
benzina - gasoline	A	A	MA	MA	PI	MA	I
acido formico (25%, 20°C) - formic acid (25%, 20°C)	I	PI	I	A	MA	A	MA
aria - air	MA	MA	MA	MA	MA	MA	MA
olio minerale - mineral oil	A	A	MA	MA	A	MA	I
grasso - grease	A	MA	MA	MA	PI	MA	I
silicato di sodio - sodium silicate	A	-	MA	A	MA	MA	MA
glicerina - glycerin	A	MA	MA	MA	MA	MA	MA
ozono - ozone	A	A	PI	MA	PI	A	MA
olio animale - lard oil	A	-	MA	MA	A	MA	A
cherosene - kerosene	MA	MA	MA	MA	MA	MA	I
metano - methane	A	-	MA	MA	MA	MA	I
metanolo - methanol	MA	PI	A	A	A	MA	MA
acqua (24°C) - water (24°C)	A	A	MA	A	MA	MA	MA
acqua (100°C) - water (100°C)	I	A	PI	I	PI	-	-
acqua di mare - sea water	PI	A	MA	A	MA	-	-
olio di carbone - bunker oil	PI	-	-	-	A	MA	-
benzene - benzene	I	PI	A	A	PI	I	I
butano - butane	MA	MA	MA	MA	MA	MA	I
fluoro - fluorine	I	I	I	-	I	-	PI
acido borico - boric acid	A	A	A	A	MA	MA	MA
tetracloruro di carbonio - carbon tetrachloride	PI	PI	A	A	PI	PI	I
ossigeno - oxygen	MA	MA	A	A	A	A	MA
petrolio - petroleum	-	-	A	A	I	MA	I
carbonato di sodio - sodium carbonate	A	PI	MA	A	MA	MA	MA
idrossido di calcio - calcium hydroxide	PI	PI	MA	I	A	MA	MA
idrogeno - hydrogen	PI	MA	MA	MA	MA	MA	MA
mercurio - mercury	I	-	-	-	MA	MA	MA
vapore (150°C) - steam (150°C)	A	-	PI	PI	I	I	PI
cianuro di sodio - sodium cyanide	I	-	-	-	-	MA	MA
olio vegetale - vegetable oil	-	-	A	A	A	MA	MA
grasso al silicone - silicon greases	-	-	MA	MA	PI	MA	MA
olio al silicone - silicon oil	-	-	MA	MA	PI	MA	MA
acetone - acetone	MA	PI	A	A	PI	I	MA
acido solforico - sulphuric acid	-	-	PI	A	A	A	A
ammoniaca - ammonia	PI	MA	A	PI	A	MA	MA
gas di petrolio liquefatto liquefied petroleum gas (LPG)	MA	MA	MA	MA	A	MA	I
alcol etilico - ethyl alcohol	MA	A	MA	MA	A	MA	MA
soda caustica - lye solution	-	-	MA	A	A	A	MA
acido cloridrico (10%, 20°C) hydrochloric acid (10%, 20°C)	I	I	I	A	MA	-	-
acido cloridrico (20%, 20°C) hydrochloric acid (20%, 20°C)	I	I	I	PI	A	-	-
acido cloridrico (20%, 80°C) hydrochloric acid (20%, 80°C)	I	I	I	I	I	I	PI
acido cloridrico (38%, 20°C) hydrochloric acid (38%, 20°C)	I	I	I	PI	A	A	MA
cloruro di ammonio - ammonium chloride	I	PI	MA	A	MA	MA	MA
cloruro di calcio - calcium chloride	A	PI	MA	A	MA	MA	MA
nafta - naphtha	PI	A	MA	A	PI	PI	I
olio d'oliva - olive oil	PI	MA	A	MA	A	MA	A
zolfo - sulfur	I	A	MA	-	MA	I	MA
fosfato di sodio - sodium poshate	I	PI	MA	A	MA	MA	MA
fosfato d'ammonio - ammonium phosphate	PI	PI	MA	A	MA	MA	MA
nitrato di ammonio - ammonium nitric	I	A	A	A	MA	MA	MA
azoto - nitrogen	A	MA	MA	A	MA	MA	MA
gas naturale - natural gas	MA	MA	MA	MA	A	MA	I
acido acetico (10%, 20°C) - acetic acid (10%, 20°C)	I	A	PI	A	MA	A	MA
acido acetico (50%, 20°C) - acetic acid (10%, 20°C)	I	A	I	A	A	-	-
acido acetico (50%, 70°C) - acetic acid (10%, 20°C)	I	A	I	PI	I	-	-
acido acetico (100%, 20°C) - acetic acid (100%, 20°C)	I	PI	I	A	I	-	-
chetoni - ketones	A	A	A	A	MA	-	A
cresol	A	PI	PI	A	A	PI	I
acido cromatico (2%, 70°C) - chromic acid (2%, 70°C)	I	I	I	I	PI	-	-
acido cromatico (10%, 70°C) - chromic acid (10%, 70°C)	I	I	I	I	I	-	-
acido cromatico (25%, 70°C) - chromic acid (25%, 70°C)	I	I	I	I	I	-	-
acido cromatico (2%, 50°C) - chromic acid (2%, 50°C)	I	I	I	PI	PI	I	A
olio di soia - soybean oil	PI	A	MA	MA	A	MA	PI
toluene	MA	MA	A	PI	PI	I	I
glucosio - glucose	MA	MA	MA	MA	MA	MA	MA
propano - propane	MA	MA	MA	MA	MA	MA	I
olio di ricino - castor oil	A	A	A	A	MA	MA	A
acido solforico (10%, 20°C) - sulphuric acid (10%, 20°C)	I	I	I	A	A	I	A
acido solforico (10%, 70°C) - sulphuric acid (10%, 70°C)	I	I	I	I	PI	-	-
acido solforico (30%, 20°C) - sulphuric acid (30%, 20°C)	I	I	I	PI	A	-	-
acido solforico (30%, 70°C) - sulphuric acid (30%, 70°C)	I	I	I	I	PI	-	-
acido solforico (98%, 20°C) - sulphuric acid (98%, 20°C)	I	I	I	I	I	-	-
solfo di alluminio - aluminium sulfate	I	A	MA	A	MA	MA	MA
solfo di potassio - potassium sulfate	A	PI	MA	A	MA	MA	MA
solfo di idrogeno - hydrogen sulfide	PI	PI	A	A	MA	I	MA

MA = molto accettabile • very acceptable - A = accettabile • acceptable - PI = poco idoneo • slightly unacceptable - I = inaccettabile • unacceptable
- = Nessun dato/no data