

# COMPRESSION FITTINGS



**TECHNO<sup>®</sup>**

MADE IN SYRIA



## TECHNO COMPRESSION FITTINGS

RICAMBI - SPARE PARTS  
PIECE DE RECHANGE  
ERSATZTEILE - RECAMBIO



Art. 951



Art. 931



Art. 942



Art. 941



Art. 921  
D.C



Art. 921



Art. 971



Art. 961



Art. 902



Art. 991



Art. 917



Art. 901



Art. 903  
D.C



Art. 903



Art. 801



Art. 802



NUT



CLAMP RING



THRUST RING



GASKET



# COMPRESSION FITTINGS

## TECHNO COMPRESSION FITTINGS TECHNICAL INFORMATION

### MATERIAL

- 1) BODY+THRUST RING: Polypropylene (pp) UV stabilized with Carbon Black
- 2) NUT: Polypropylene stabilized for UV with Master Batch
- 3) CLAMP RING: Acetylic resin (POM)
- 4) GASKET: Food safe rubber (NBR), 70sh
- 5) REINFORCEMENT RING: Stainless Steel AISI 430

### COLOR

BODY+THRUST RING+RUBBER: BLACK  
NUT: BLUE  
CLAMP RING: WHITE

### STANDARDS

SYRIAN STANDARD: 3184/2005  
INTERNASIONAL STANDARD: ISO 14236

### TEST STANDARDS

ISO 1167, ISO 3501, ISO 3459, ISO 15853, ISO 3503

### NOMINAL PRESSURE (PN)

16

### TESTS

TEST TYPE	TEST REQUIREMENT	PRESSURE	TEMP°	TIME
1) Resistance to internal pressure	ISO 1167 2.5x16 bar	40 bar	20	1 h
2) Resistance to internal pressure subjected to bending (for Coupling only)	ISO 3503 1.8x16 bar	28.8 bar	20	1 h
3) Long term test on the assembled joint	ISO 1167 1.2x16 bar	19.2 bar	20	1000 h
4) Long term test on the assembled joint	ISO 1167 0.8x16 bar	12.8 bar	40	1000 h
5) Resistance to internal vacuum	ISO 3459 - 0.8 bar	- 0.8 bar	20	1 h
<b>6) pull out test</b>	<b>ISO 3501</b>	<b>FORCE</b>		
a) O.D 20mm		138 kg		
b) O.D 25mm		177 kg		
c) O.D 32mm		709 kg		
d) O.D 40mm		295 kg		
e) O.D 50mm		456 kg		
f) O.D 63mm		1126 kg		

From  $\varnothing 20$  to  $\varnothing 63$

## Assembly Instructions



1- Cut the pipe square and deburr it. Partially unscrew the nut.



2- Push the pipe into the fitting through the clamp ring until the first stop, meaning you have reached the seal.



3- Push the pipe through the seal until you reach the pipe stop of the fitting.



4- Tighten the nut as tightly as possible.



**Art 951  
Reducing coupling**

Art.	D	Bag	Carton	PN	US\$/pcs
A 9512520	25x20	20	100	16	4,00
A 9513220	32x20	20	80	16	5,10
A 9513225	32x25	20	80	16	5,10
A 9514032	40x32	5	45	16	8,95
A 9514025	40x25	5	45	16	8,95
A 9515040	50x40	5	40	16	11,60
A 9515032	50x32	5	40	16	11,45
A 9515025	50x25	5	40	16	11,45
A 9516350	63x50	5	15	16	16,45
A 9516340	63x40	5	15	16	16,45
A 9516332	63x32	5	15	16	16,45



**Art 931  
Female adaptor**

Art.	D	Bag	Carton	PN	US\$/pcs
A 93120	20x1/2"	50	400	16	2,45
A 93125	25x3/4"	50	250	16	2,85
A 93132	32x1"	25	150	16	3,45
A 93140	40x1.1/4"	10	70	16	5,95
A 93150	50x1.1/2"	10	50	16	7,85
A 93163	63x2"	5	25	16	11,15



**Art 942  
Repair coupling**

Art.	D	Bag	Carton	PN	US\$/pcs
A 94220	20	25	200	16	3,85
A 94225	25	20	100	16	4,55
A 94232	32	20	80	16	5,95
A 94240	40	5	45	16	9,45
A 94250	50	5	40	16	13,00
A 94263	63	5	15	16	17,65



**Art 941  
Coupling**

Art.	D	Bag	Carton	PN	US\$/pcs
A 94120	20	25	200	16	3,70
A 94125	25	20	100	16	4,35
A 94132	32	20	80	16	5,65
A 94140	40	5	45	16	9,20
A 94150	50	5	40	16	12,55
A 94163	63	5	15	16	17,35



**Art 921 D.C  
Male Adaptor  
With Metal Insert**

Art.	D	Bag	Carton	PN	US\$/pcs
A 92120 D.C	20x1/2"	10	120	16	4,40
A 92125 D.C	25x3/4"	6	72	16	7,45
A 92132 D.C	32x1"	4	48	16	10,55
A 92140 D.C	40x1.1/4"	3	36	16	20,95
A 92150 D.C	50x1.1/2"	2	20	16	26,30
A 92163 D.C	63x2"	2	16	16	35,35



**Art 921  
Male adaptor**

Art.	D	Bag	Carton	PN	US\$/pcs
A 92120	20x1/2"	50	500	16	2,10
A 92125	25x3/4"	50	250	16	2,50
A 92132	32x1"	25	150	16	3,10
A 92140	40x1.1/4"	10	70	16	5,90
A 92150	50x1.1/2"	10	50	16	7,50
A 92163	63x2"	5	25	16	10,65



**Art 971  
90° Tee With Threaded  
Female Offtake**

Art.	D	Bag	Carton	PN	US\$/pcs
A 97120x1/2"	20x1/2"x20	100	200	16	3,28
A 97125x3/4"	25x3/4"x25		125	16	4,40
A 97132x1"	32x1"x32		75	16	5,72
A 97140x1.1/4"	40x1.1/4"x40		40	16	9,68
A 97150x1.1/2"	50x1.1/2"x50		25	16	13,72
A 97163x2"	63x2"x63		20	16	26,67



**Art 961  
90° TEE**

Art.	D	Bag	Carton	PN	US\$/pcs
A 96120	20x20x20	25	100	16	3,84
A 96125	25x25x25	25	50	16	5,03
A 96132	32x32x32	15	30	16	6,60
A 96140	40x40x40		20	16	10,82
A 96150	50x50x50		12	16	14,69
A 96163	63x63x63		6	16	20,88



**Art 902  
TEE With Threaded  
Male Offtake**

Art.	D	Bag	Carton	PN	US\$/pcs
A 902 20x1/2"	20x1/2"x20	25	125	16	3,24
A 902 25x3/4"	25x3/4"x25	25	75	16	4,19
A 902 32x1"	32x1"x32	15	45	16	5,35
A 902 40x1.1/4"	40x1.1/4"x40		30	16	9,25
A 902 50x1.1/2"	50x1.1/2"x50		16	16	13,12
A 902 63x2"	63x2"x63		8	16	25,44



**Art 991  
90° Elbow**

Art.	D	Bag	Carton	PN	US\$/pcs
A 991 20	20	25	250	16	3,70
A 991 25	25	25	150	16	4,50
A 991 32	32	20	80	16	5,55
A 991 40	40	10	40	16	9,70
A 991 50	50	5	35	16	13,55
A 991 63	63	5	15	16	16,45



**Art 917  
End Cap**

Art.	D	Bag	Carton	PN	US\$/pcs
A 91720	20	50	500	16	2,50
A 91725	25	50	250	16	2,70
A 91732	32	25	150	16	3,35
A 91740	40	10	80	16	5,65
A 91750	50	10	60	16	8,35
A 91763	63	10	40	16	11,35



**Art 901  
90° Elbow with  
threaded female offtake**

Art.	D	Bag	Carton	PN	US\$/pcs
A 90120	20x1/2"	25	250	16	2,85
A 90125	25x3/4"	25	200	16	3,60
A 90132	32x1"	25	100	16	4,30
A 90140	40x1.1/4"	10	60	16	8,50
A 90150	50x1.1/2"	10	40	16	11,30
A 90163	63x2"	5	15	16	15,35





**Art 903 D.C**  
90° Elbow with threaded  
male metal offtake



**Art 903**  
90° Elbow with  
threaded male offtake

Art.	D	Bag	Carton	PN	US\$/pcs	Art.	D	Bag	Carton	PN	US\$/pcs
A 90320 D.C	20x1/2"	8	96	16	4,85	A 90320	20x1/2"	25	250	16	2,65
A 90325 D.C	25x3/4"	6	72	16	7,70	A 90325	25x3/4"	25	200	16	2,95
A 90332 D.C	32x1"	4	48	16	10,95	A 90332	32x1"	25	100	16	3,85
A 90340 D.C	40x1.1/4"	3	36	16	22,40	A 90340	40x1.1/4"	10	60	16	6,15
A 90350 D.C	50x1.1/2"	2	16	16	29,25	A 90350	50x1.1/2"	10	40	16	8,35
A 90363 D.C	63x2"	1	6	-16	38,15	A 90363	63x2"	5	15	16	8,95

## TECHNO CLAMP SADDLE

### TECHNICAL INFORMATION

#### MATERIAL

- 1) BODY+THRUST RING: Polypropylene (PP) UV stabilized with Carbon Black
- 2) GASKET: Food safe rubber (NBR), 70sh
- 3) REINFORCEMENT RING: Stainless Steel AISI 430
- 4) Bolts & Nuts: Galvanized

#### COLOR

BLACK

#### STANDARDS

SYRIAN STANDARD: 3184/2005  
INTERNASIONAL STANDARD: ISO 13460

#### TEST STANDARDS

ISO 13460 , ISO 3459 , ISO 3503

#### NOMINAL PRESSURE (PN)

16

#### TESTS

TEST TYPE	TEST REQUIREMENT	PRESSURE	TEMP <sup>c</sup>	TIME
1) Resistance to internal pressure	ISO 3503 1.8x16 bar	28.8 bar	20	1 h
2) Resistance to internal vacuum	ISO 3459 -0.8 bar	- 0.8 bar	20	1 h

# TECHNO CLAMP SADDLE



## Art 801

Art.	D	Bag	Carton	PN	US\$/pcs
A 80132 1/2"	32x1/2"	1	250	16	2,85
A 80132 3/4"	32x3/4"	1	250	16	2,85
A 80140 1/2"	40x1/2"	1	150	16	3,25
A 80140 3/4"	40x3/4"	1	150	16	3,25
A 80140 1"	40x1"	1	150	16	3,35
A 80150 1/2"	50x1/2"	1	150	16	4,05
A 80150 3/4"	50x3/4"	1	150	16	4,05
A 80150 1"	50x1"	1	150	16	4,20
A 80150 1.1/4"	50x1.1/4"	1	150	16	4,40
A 80163 1/2"	63x1/2"	1	100	16	5,95
A 80163 3/4"	63x3/4"	1	100	16	5,95
A 80163 1"	63x1"	1	100	16	6,05
A 80163 1.1/4"	63x1.1/4"	1	100	16	6,25
A 80163 1.1/2"	63x1.1/2"	1	100	16	6,25
A 80175 1/2"	75x1/2"	1	65	16	7,60
A 80175 3/4"	75x3/4"	1	65	16	7,60
A 80175 1"	75x1"	1	65	16	7,75
A 80175 1.1/4"	75x1.1/4"	1	65	16	7,90
A 80175 1.1/2"	75x1.1/2"	1	65	16	8,0
A 80190 1/2"	90x1/2"	1	65	16	9,65
A 80190 3/4"	90x3/4"	1	65	16	9,65
A 80190 1"	90x1"	1	65	16	9,75
A 80190 1.1/4"	90x1.1/4"	1	65	16	9,75
A 80190 1.1/2"	90x1.1/2"	1	65	16	9,85
A 80110 1/2"	110x1/2"	1	25	16	11,25
A 80110 3/4"	110x3/4"	1	25	16	11,25
A 80110 1"	110x1"	1	25	16	11,40
A 80110 1.1/4"	110x1.1/4"	1	25	16	11,50
A 80110 1.1/2"	110x1.1/2"	1	25	16	11,50
A 80110 2"	110x2"	1	25	16	11,75
A 80110 2.1/2"	110x2.1/2"	1	25	16	16,70
A 80110 3"	110x3"	1	25	16	60,15
A 80125 1/2"	125x1/2"	1	20	16	16,15
A 80125 3/4"	125x3/4"	1	20	16	16,15
A 80125 1"	125x1"	1	20	16	16,25
A 80125 1.1/4"	125x1.1/4"	1	20	16	16,25
A 80125 1.1/2"	125x1.1/2"	1	20	16	16,35
A 80125 2"	125x2"	1	20	16	16,45
A 80125 2.1/2"	125x2.1/2"	1	20	16	21,85
A 80125 3"	125x3"	1	20	16	69,50

## Art 802

Art.	D	Bag	Carton	PN	US\$/pcs
A 80232 1/2"	32x1/2"	1	250	16	4,63
A 80232 3/4"	32x3/4"	1	250	16	4,63
A 80240 1/2"	40x1/2"	1	150	16	5,24
A 80240 3/4"	40x3/4"	1	150	16	5,24
A 80240 1"	40x1"	1	150	16	5,24
A 80250 1/2"	50x1/2"	1	150	16	6,58
A 80250 3/4"	50x3/4"	1	150	16	6,58
A 80250 1"	50x1"	1	150	16	6,58
A 80250 1.1/4"	50x1.1/4"	1	150	16	6,58
A 80263 1/2"	63x1/2"	1	100	16	9,63
A 80263 3/4"	63x3/4"	1	100	16	9,63
A 80263 1"	63x1"	1	100	16	9,63
A 80263 1.1/4"	63x1.1/4"	1	100	16	9,63
A 80263 1.1/2"	63x1.1/2"	1	100	16	9,63
A 80275 1/2"	75x1/2"	1	65	16	11,40
A 80275 3/4"	75x3/4"	1	65	16	11,40
A 80275 1"	75x1"	1	65	16	11,40
A 80275 1.1/4"	75x1.1/4"	1	65	16	11,40
A 80275 1.1/2"	75x1.1/2"	1	65	16	11,40
A 80290 1/2"	90x1/2"	1	65	16	14,02
A 80290 3/4"	90x3/4"	1	65	16	14,02
A 80290 1"	90x1"	1	65	16	14,02
A 80290 1.1/4"	90x1.1/4"	1	65	16	14,02
A 80290 1.1/2"	90x1.1/2"	1	65	16	14,02
A 802110 1/2"	110x1/2"	1	25	16	18,69
A 802110 3/4"	110x3/4"	1	25	16	18,69
A 802110 1"	110x1"	1	25	16	18,69
A 802110 1.1/4"	110x1.1/4"	1	25	16	18,69
A 802110 1.1/2"	110x1.1/2"	1	25	16	18,69
A 802110 2"	110x2"	1	25	16	18,69
A 802110 2.1/2"	110x2.1/2"	1	25	16	27,58
A 802110 3"	110x3"	1	25	16	99,24
A 802125 1/2"	125x1/2"	1	20	16	26,61
A 802125 3/4"	125x3/4"	1	20	16	26,61
A 802125 1"	125x1"	1	20	16	26,61
A 802125 1.1/4"	125x1.1/4"	1	20	16	26,61
A 802125 1.1/2"	125x1.1/2"	1	20	16	26,61
A 802125 2"	125x2"	1	20	16	26,61
A 802125 2.1/2"	125x2.1/2"	1	20	16	36,10
A 802125 3"	125x3"	1	20	16	114,65



