TECHNICAL CATALOGUE

VX-N FITTINGS FOR POLYETHYLENE PIPES



ITAP AT A GLANCE

THE COMPANY

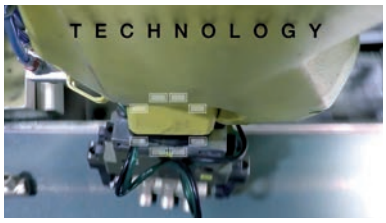
ITAP SpA, founded in Lumezzane (Brescia) in 1972, is currently one of the leading production companies in Italy of **valves, fittings and distribution manifolds** for plumbing and heating systems.

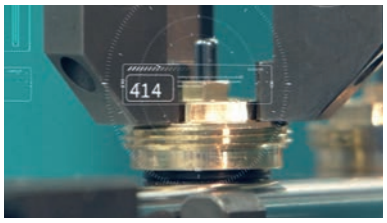
Thanks to fully automated production processes, with 85 transfer machines and 55 assembly lines, we are able to produce 400,000 pieces per day.

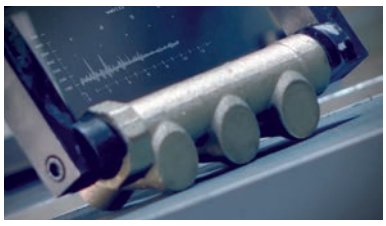
Our innate pursuit for innovation and observance of technical regulations is supported by the company certification ISO 9001. The company has always considered its focus on quality as the main tool to obtain significant business results: today ITAP SpA is proud to offer products bearing the approval of numerous international certifying bodies.





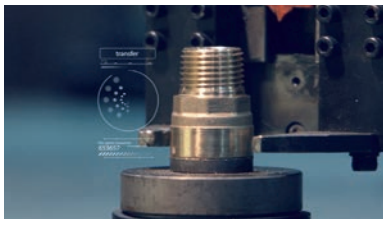


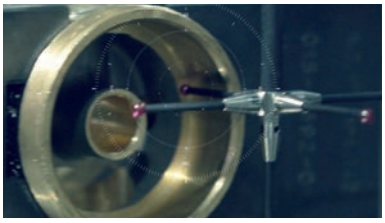
















ITAP products have obtained approvals by more than 30 certification bodies from all over the world.

VX-N FITTINGS FOR POLYETHYLENE PIPES

710 Straight female connector

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



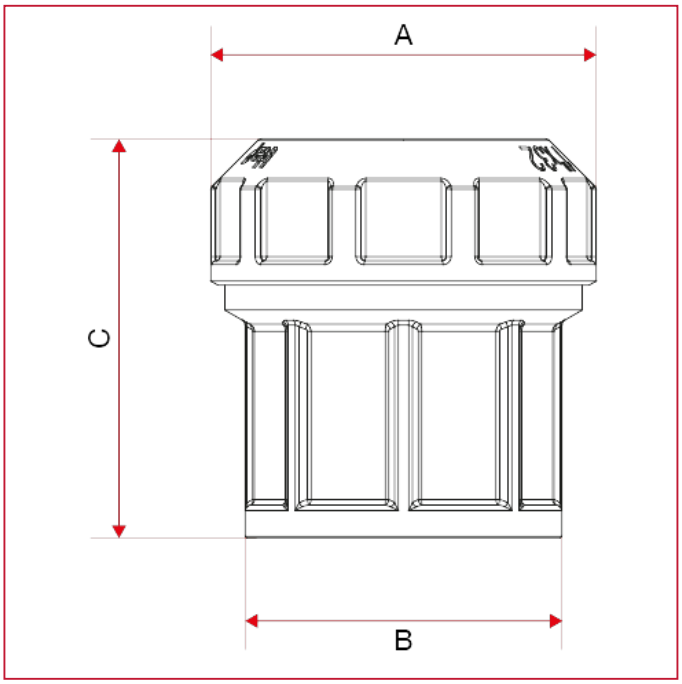
SIZE	CODE	PACKING
1/2"x20	7100012020	20/320
3/4"x25	7100034025	15/240
1"x32	7100100032	12/120
1"1/4x40	7100114040	6/108

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

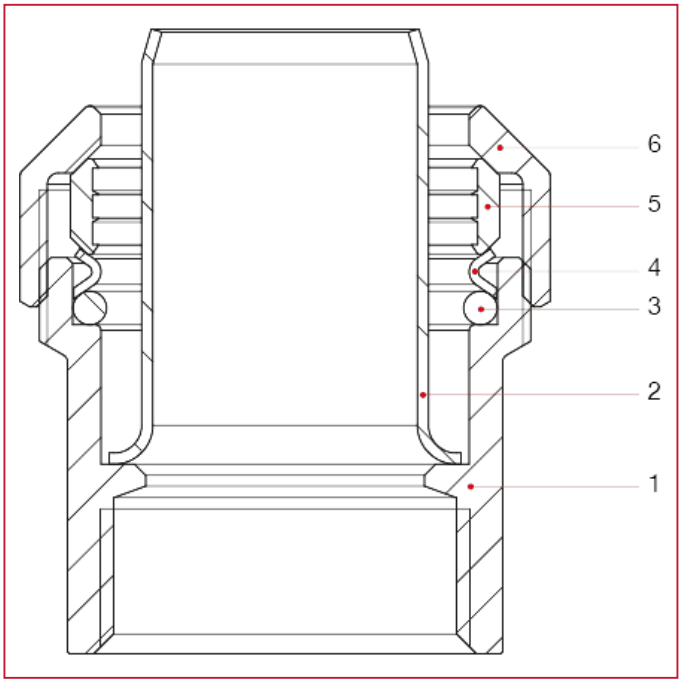
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	1/2"x20	3/4"x25	1"x32	1"1/4x40
A	32	38	47,5	58
B	26	32	39	48
C	36,5	42,5	49	56

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	1	Stainless steel AISI 304
3	O-ring	1	NBR
4	O-Ring pushing washer	1	Stainless steel AISI 304
5	Fastening ring	1	Brass CW617N
6	Tightening nut	1	Brass CW617N

INSTRUCTIONS

INSTALLATION



VX-N FITTINGS FOR POLYETHYLENE PIPES

715 Straight male connector

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



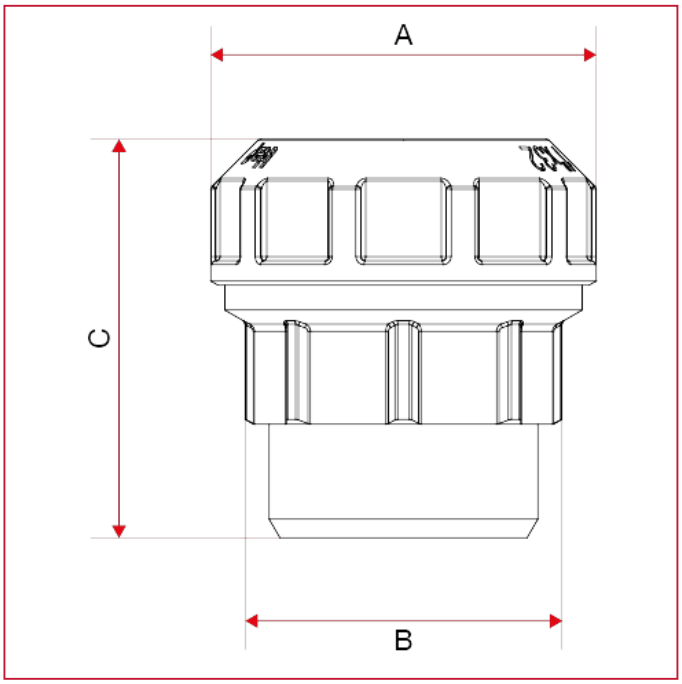
SIZE	CODE	PACKING
1/2"x20	7150012020	20/320
3/4"x25	7150034025	15/240
1"x32	7150100032	12/120
1"1/4x40	7150114040	6/60

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

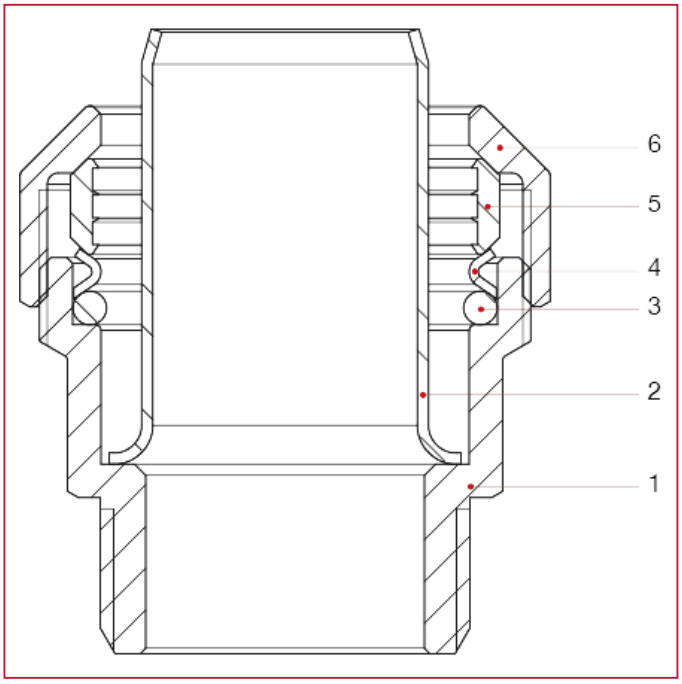
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	1/2"x20	3/4"x25	1"x32	1"1/4x40
A	32	38	47,5	58
B	26	32	39	48
C	38	41	49	56

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	1	Stainless steel AISI 304
3	O-ring	1	NBR
4	O-Ring pushing washer	1	Stainless steel AISI 304
5	Fastening ring	1	Brass CW617N
6	Tightening nut	1	Brass CW617N

INSTRUCTIONS

INSTALLATION



720 Straight coupling

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



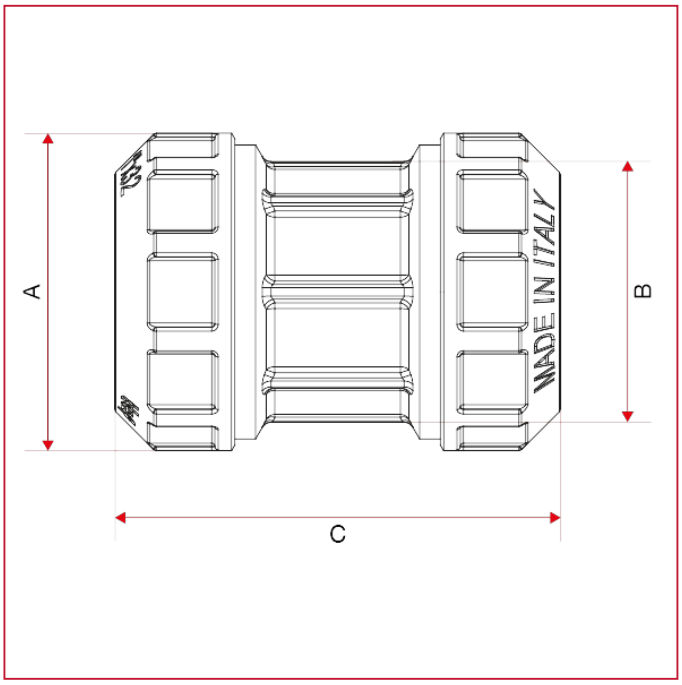
SIZE	CODE	PACKING
20	7200012020	12/288
25	7200034025	10/160
32	7200100032	8/104
40	7200114040	4/72

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

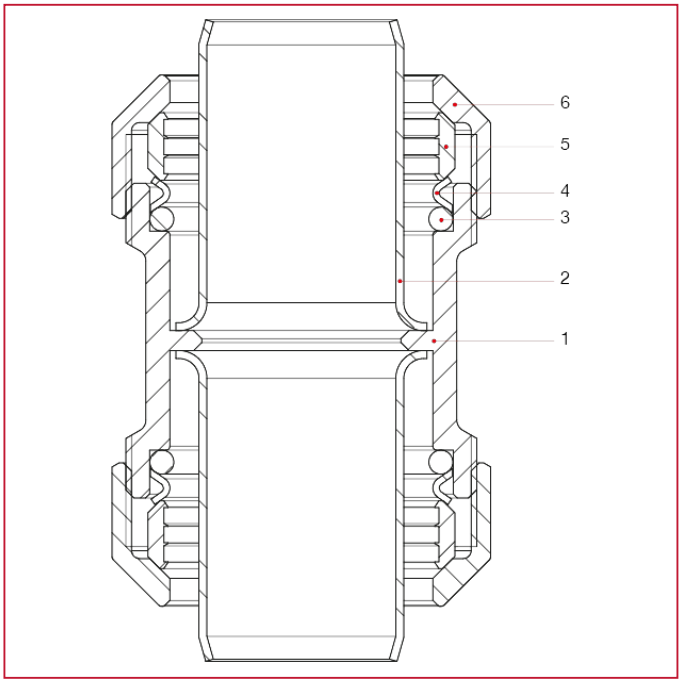
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	20	25	32	40
A	32	38	47,5	58
B	26	32	39	48
C	46,5	55	67	75

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	2	Stainless steel AISI 304
3	O-ring	2	NBR
4	O-Ring pushing washer	2	Stainless steel AISI 304
5	Fastening ring	2	Brass CW617N
6	Tightening nut	2	Brass CW617N

INSTRUCTIONS

INSTALLATION



730 Equal T coupling

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



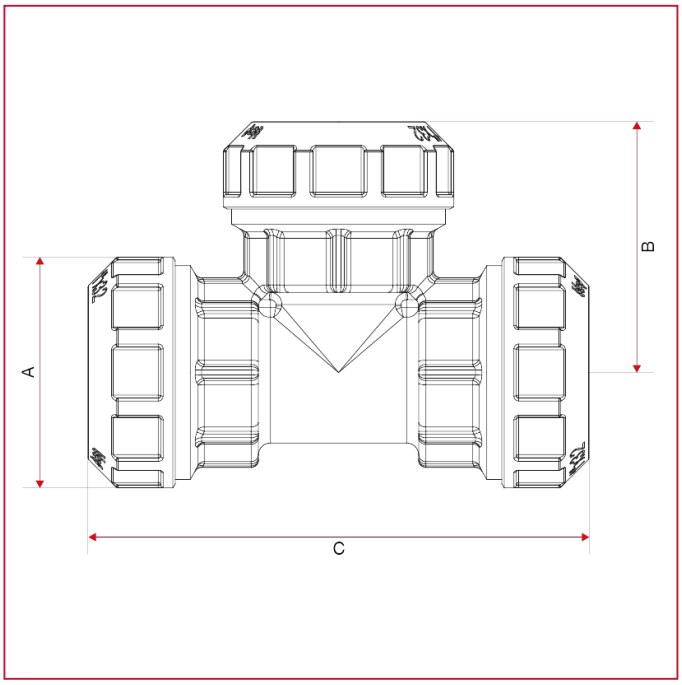
SIZE	CODE	PACKING
20	7300012020	6/144
25	7300034025	6/108
32	7300100032	4/52
40	7300114040	4/36

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

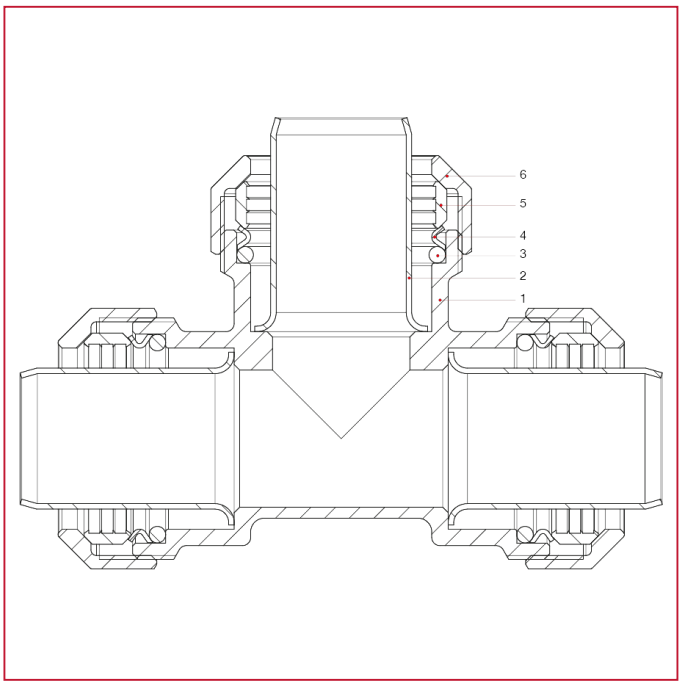
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	20	25	32	40
A	32	38	47,5	58
B	35	41,5	51,5	59,5
C	70	83	103	119

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	3	Stainless steel AISI 304
3	O-ring	3	NBR
4	O-Ring pushing washer	3	Stainless steel AISI 304
5	Fastening ring	3	Brass CW617N
6	Tightening nut	3	Brass CW617N

INSTRUCTIONS

INSTALLATION



735 Female branch T coupling

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



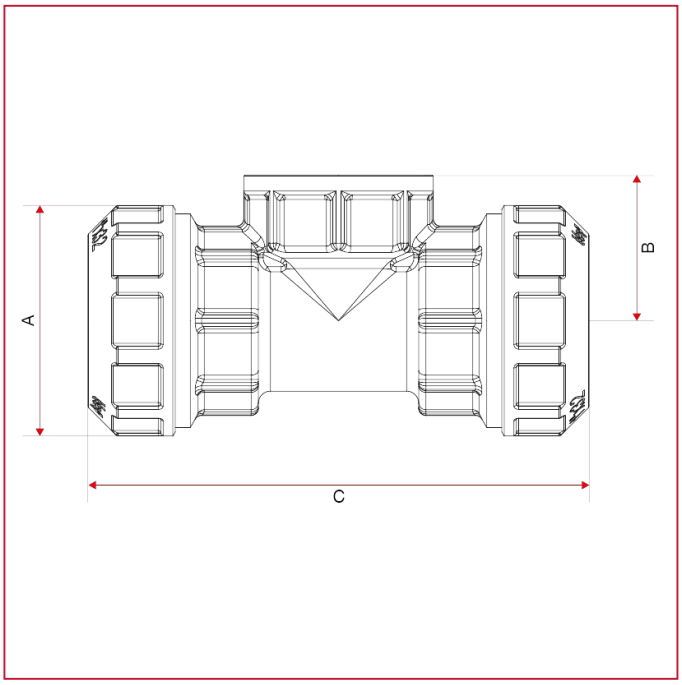
SIZE	CODE	PACKING
1/2"x20	7350012020	8/192
3/4"x25	7350034025	6/144
1"x32	7350100032	4/72
1"1/4x40	7350114040	4/48

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

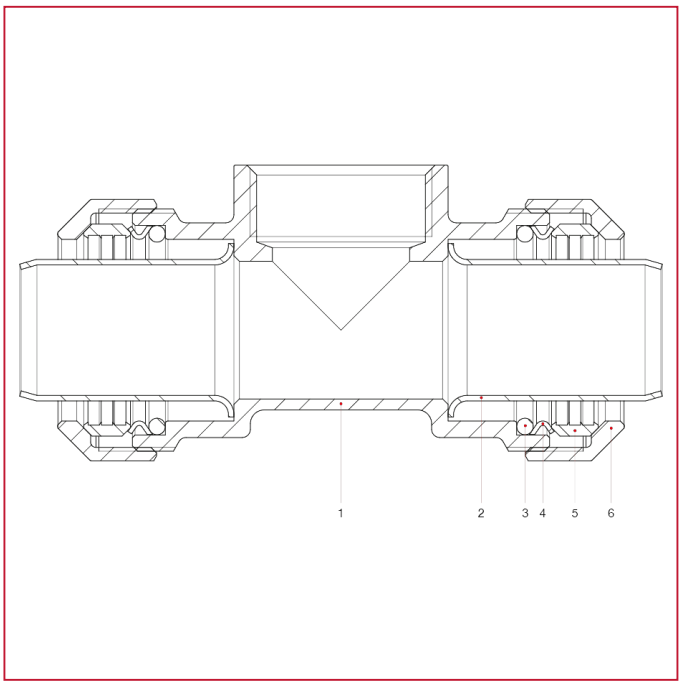
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	1/2"x20	3/4"x25	1"x32	1"1/4x40
A	32	38	47,5	58
B	22	26	30	37
C	70,5	83	103	119

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	2	Stainless steel AISI 304
3	O-ring	2	NBR
4	O-Ring pushing washer	2	Stainless steel AISI 304
5	Fastening ring	2	Brass CW617N
6	Tightening nut	2	Brass CW617N

INSTRUCTIONS

INSTALLATION



740 Male elbow

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



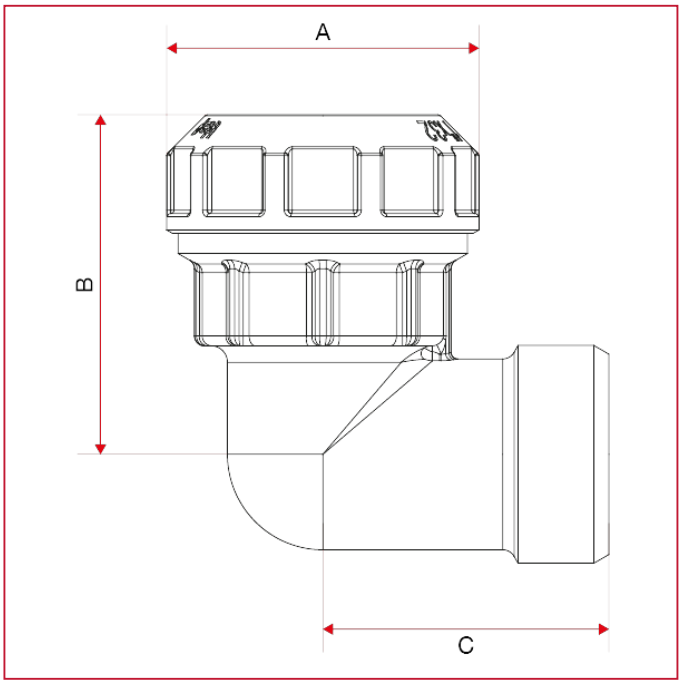
SIZE	CODE	PACKING
1/2"x20	7400012020	15/240
3/4"x25	7400034025	12/120
1"x32	7400100032	8/80
1"1/4x40	7400114040	6/72

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

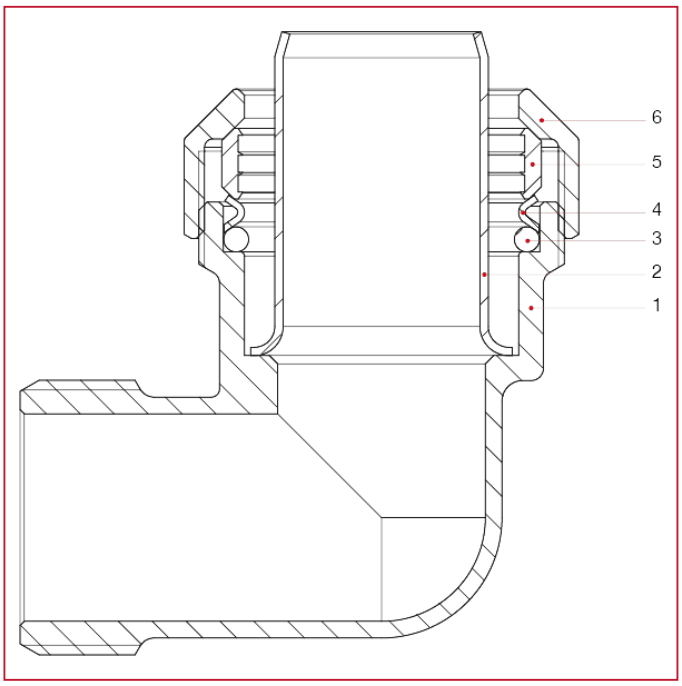
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	1/2"x20	3/4"x25	1"x32	1"1/4x40
A	32	38	47,5	58
B	35	41,5	51,5	59,5
C	31	37	43,5	50

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	1	Stainless steel AISI 304
3	O-ring	1	NBR
4	O-Ring pushing washer	1	Stainless steel AISI 304
5	Fastening ring	1	Brass CW617N
6	Tightening nut	1	Brass CW617N

INSTRUCTIONS

INSTALLATION



VX-N FITTINGS FOR POLYETHYLENE PIPES

745 Female elbow

SUITABLE FOR THE USE WITH HIGH AND LOW DENSITY POLYETHYLENE PIPES



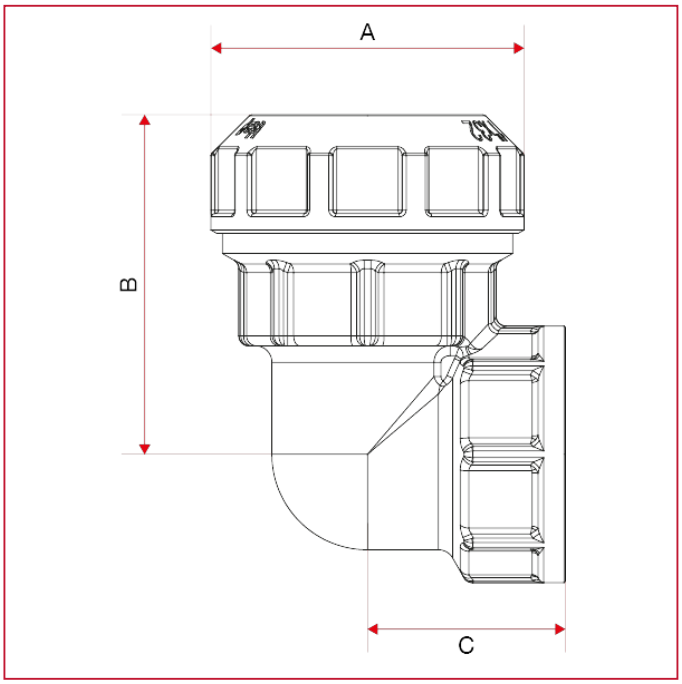
SIZE	CODE	PACKING
1/2"x20	7450012020	15/240
3/4"x25	7450034025	12/192
1"x32	7450100032	8/104
1"1/4x40	7450114040	6/72

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

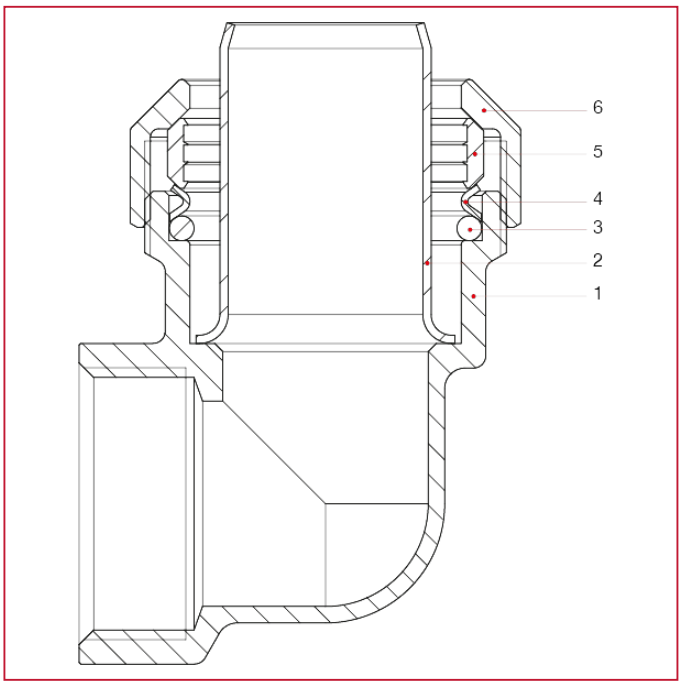
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	1/2"x20	3/4"x25	1"x32	1"1/4x40
A	32	38	47,5	58
B	35	41,5	51,5	59,5
C	22	26	30	37

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	1	Stainless steel AISI 304
3	O-ring	1	NBR
4	O-Ring pushing washer	1	Stainless steel AISI 304
5	Fastening ring	1	Brass CW617N
6	Tightening nut	1	Brass CW617N

INSTRUCTIONS

INSTALLATION



750 Elbow coupling



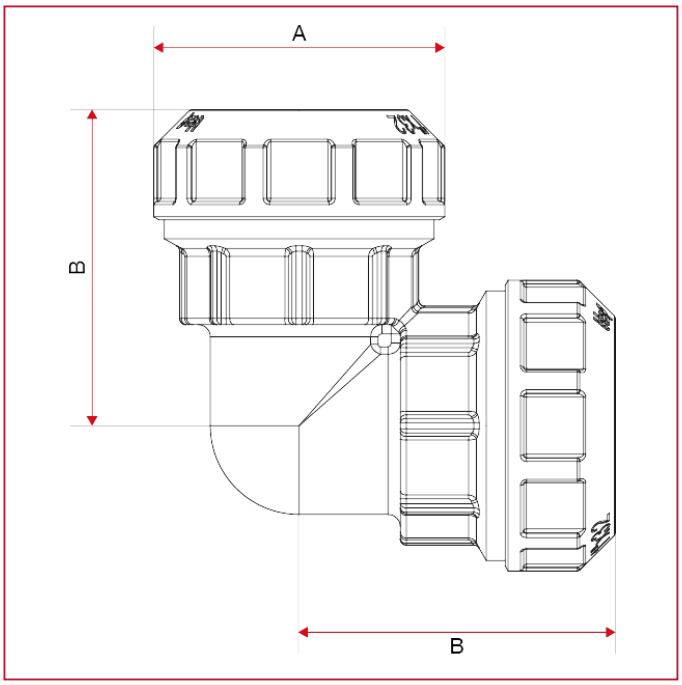
SIZE	CODE	PACKING
20	7500012020	12/216
25	7500034025	10/100
32	7500100032	6/78
40	7500114040	4/48

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

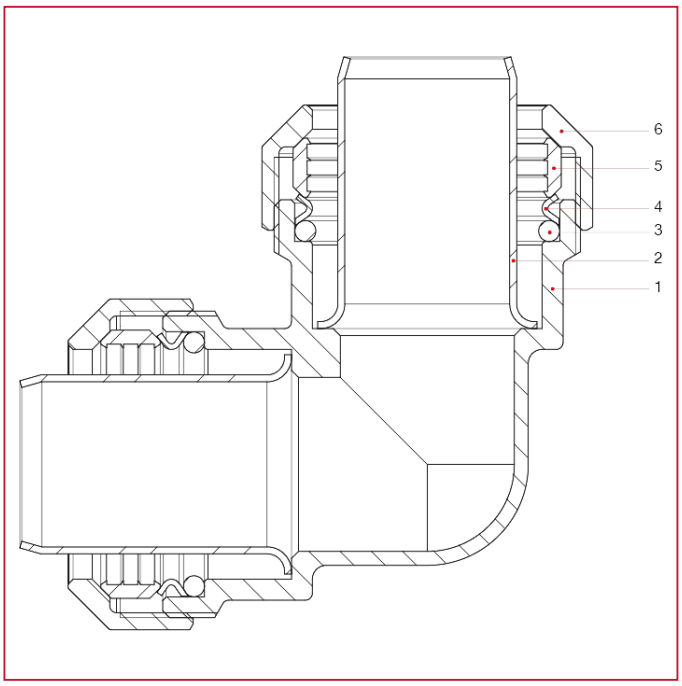
Minimum and maximum working temperatures: -20°C, 110°C (in absence of steam).
Nominal pressure: 25 bar.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



	20	25	32	40
A	32	38	47,5	58
B	35	41,5	51,5	59,5

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Liner	2	Stainless steel AISI 304
3	O-ring	2	NBR
4	O-Ring pushing washer	2	Stainless steel AISI 304
5	Fastening ring	2	Brass CW617N
6	Tightening nut	2	Brass CW617N

INSTRUCTIONS

INSTALLATION



055 Stainless steel liner



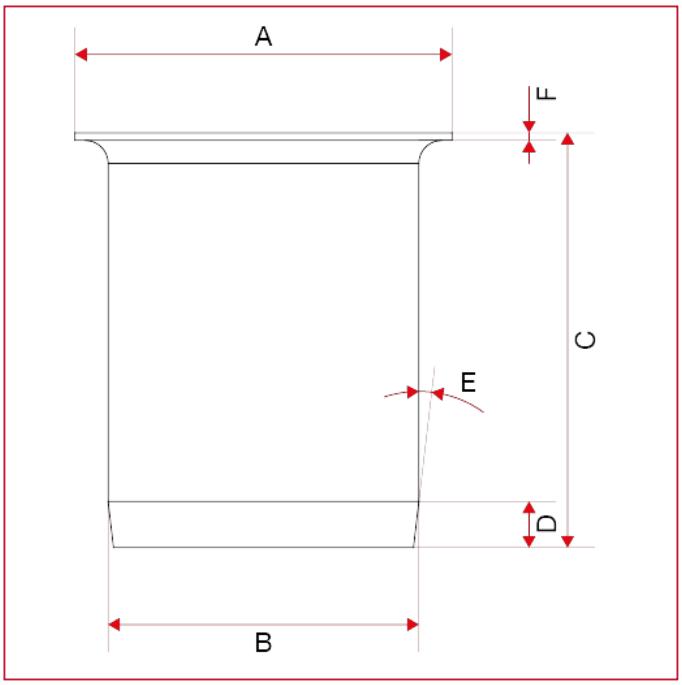
SIZE	CODE	PACKING
20	0550012020	100/2400
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32	0550100032	50/650
40	0550114040	30/420

CERTIFICATIONS

TECHNICAL SPECIFICATIONS

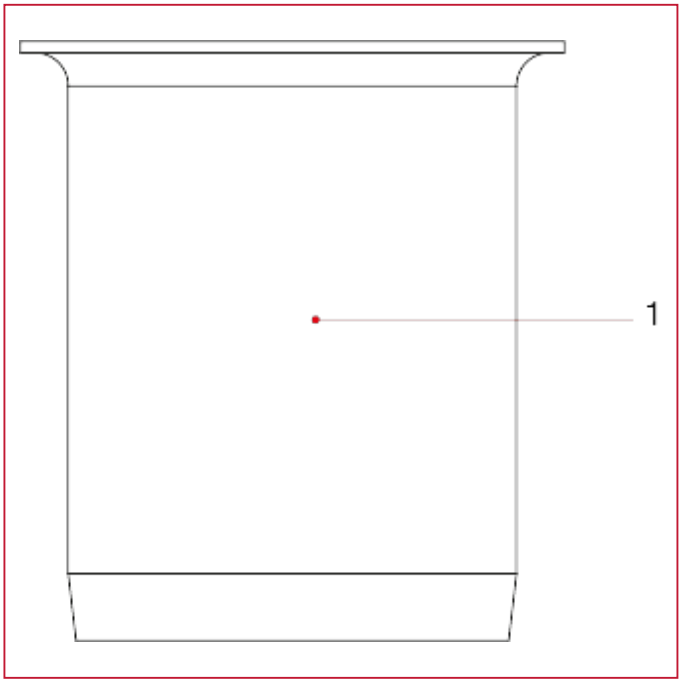
Liner in stainless steel AISI 304, whose purpose is to structurally strengthen polyethylene pipes that are used with pipe of S5 series.
To use exclusively with VX and VX-N fittings.

OVERALL DIMENSIONS



	20	25	32	40
DN	15	20	25	32
A	18	24	31,5	39
B	13,7	18,7	25,7	32,2
C	31	36	39	48
D	3	3	3	6
E	15,8°	15,8°	15,8°	10,4°
F	1	1	1	1

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Liner	1	Stainless steel AISI 304

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Brescia (ITALY)
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Fax 030 8921990
www.itap.it - info@itap.it

We reserve the right to make improvements and changes to the products described herein and to the relative technical data, at any time and without forewarning.

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