



MULTILAYER GAS SYSTEM

MULTILAYER GAS PIPE
+
ACCESSORIES PRESS FITTING GAS



CERTIFIED BY AENOR

In accordance with the UNE 53008-1: 2014 standard:

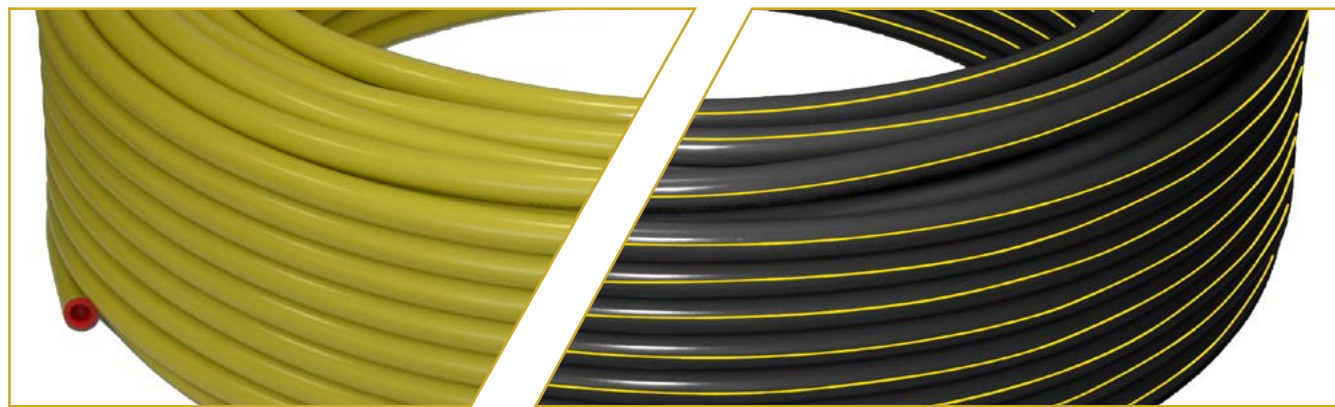
"Multilayer pipeline systems for gas receiving installations with a maximum operating pressure (MOP) less than or equal to 5 bar (500 kPa)"

OUR MULTILAYER GAS TUBES



CHARACTERISTICS:

Today, technological research has definitively solved the uncertainty about the choice of metal tubes or thermoplastic materials for the installation of plumbing or heating systems with the creation of a tube capable of uniting the advantages of both materials. The result has been multi-layer pipes ISOLTUBEX.



The tubes ISOLTUBEX

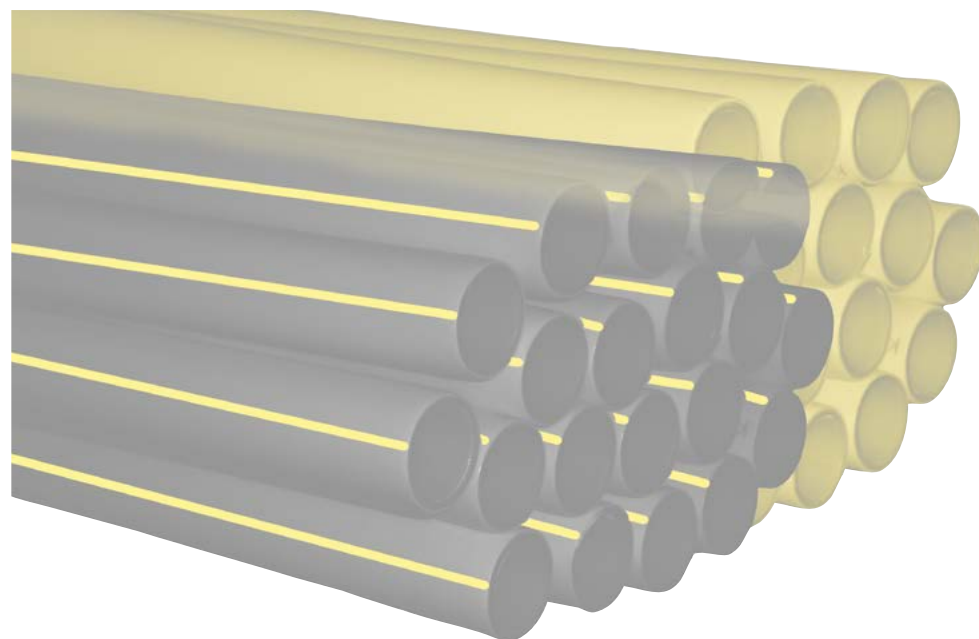


are totally recyclable

The Multilayer Tube has been the result of a modern construction technique that has allowed the perfect union of an aluminum tube with two polyethylene tubes; such a solution decisively reduces the problems of purely metallic tubes (rigidity, toxicity, corrosion, incrustations, weight, noise transmission, pressure drops, galvanic currents, etc.), or exclusively plastic tubes (winter fragility, high expansion thermal, impermeability to oxygen and ultraviolet rays, thermal memory, little or no malleability, etc.). Our multilayer pipes achieve the advantages of the two materials, united by mutual collaboration.

Our pipes are manufactured in accordance with the UNE 53008 standard: "Sewer systems in plastic materials. Multi-layer pipeline systems for gas receiving installations with a maximum operating pressure (MOP) of less than or equal to 5 bar (500 kPa), published in September 2014.

The UNE 53008 standard is included in the UNE 60670-3: 2014 standard: "Gas receiving installations supplied at a maximum operating pressure (MOP) of less than or equal to 5 bars. Part 3: Pipes, elements, accessories and their connections", which marks the references of piping materials and accessories suitable for the realization of the gas reception facilities specified in the standard.

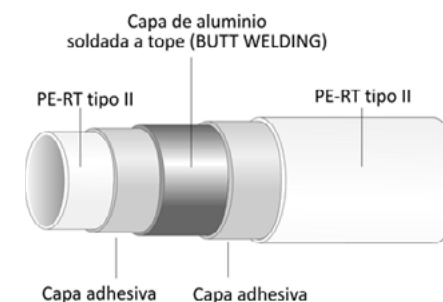


OUR MULTILAYER GAS TUBES



PROPERTIES:

The Isoltubex Multilayer pipe combines metallic and polymeric layers improving the properties of the pipe. The composition of the layers of the Isoltubex pipe is as follows:



- PERT TYPE II

The polymeric resin used for the manufacture of the inner and outer layers is composed of a copolymer of ethylene and octene of last generation that provides the pipe with an increase in its long-term hydrostatic resistance. The use of PE-RT in multilayer pipes also provides the pipeline with the following properties:

Resistance to corrosion: The fact of manufacturing the internal and external walls of the pipe in PE-RT gives the pipe a great resistance to corrosion both against external attack (protection against the environment, contact with building materials, etc), as to the internal attack produced by gas condensates.

- ALUMINUM

The butt-welded aluminum layer gives the pipe improved mechanical properties.

Diameter DN (mm)	Aluminum Thickness (mm)	Total thickness (mm)	Internal diameter (mm)
16	0,20	2	12
20	0,25	2	16
25	0,30	2,5	20
32	0,45	3	26

Oxygen anti-diffusion barrier: The aluminum layer inside the pipe prevents the diffusion of gases through it.

Low coefficient of expansion: (0.025 mm / m K) The aluminum layer gives it greater dimensional stability, improving its properties compared to other types of pipes.

Greater stability during and after assembly: In multilayer pipes, the elasticity of polyethylene joins the mechanical stability provided by aluminum, which allows the shape of the pipe to be maintained once adapted to the course. Due to this special composition, the handling and assembly of the installations is carried out with total comfort. The following tables specify both the minimum distance between supports and the minimum radii of bending.

Diámetro DN (mm)	16	20	25	32
Minimum distance between supports (m)	1.2	1.5	1.5	1.5

Diámetro DN (mm)	Minimum radii of curvature (mm)		
	Manual	With spring	With bending machine
16	80	64	48
20	100	80	60
25	130	100	80
32	200	160	150

The minimum bending radius specified in the table must always be respected to avoid pipeline constriction



ACCESSORIES PRESS FITTING GAS FOR MULTILAYER GAS PIPES



CHARACTERISTICS:

The Press Fitting Gas fittings have been designed with the purpose of obtaining the maximum performance of resistance and safety in gas receiving installations. In conjunction with the multi-layer gas pipe, they form the Gas Multilayer System **certified by AENOR according to the UNE 53008 standard.**

The union of the Press Fitting attachment with the multilayer tube must necessarily be carried out with an electric press that guarantees a pushing force of 32 kN / cm², using RFlz or RFz jaws when pressing.

The holes located at one end of the stainless steel bushing (AISI 304) make it possible to verify that the tube has been inserted until the end of the fitting and that it has remained in contact with the yellow anti-electrolysis gasket. The anti-electrolysis joint has the function of preserving aluminum from possible galvanic currents. The accessory is completed with a central body made of brass CW617N with a surface treatment of nickel plating. Two certified O-rings are added in accordance with the UNE-EN 549 standard in order to guarantee tightness.

The range of our Press Fitting Gas accessories is very wide (Ø16 to Ø32) and they are designed to be used together with our Gas Multilayer pipe.

The accessories ISOLTUBEX Press Fitting Gas, are easily identifiable, our logo or our brand is indelibly marked, both in the body of the accessory and in the stainless steel ferrules.



ADVANTAGE

1. Accessory made of high quality brass, CW617N manufactured with calibrated bar for straight figures (union, reduction, etc.) or hot forging process for other figures (elbows, tees, etc.), ensuring a compact structure.
2. Perfect sealing thanks to the double O-ring, NBR, ensuring a long service life.
3. Installation: easy, simple, fast and safe.
4. High quality anti electrolysis ring.
5. The tube can be curved as many times as necessary, preserving the desired shape.
6. Resistant to corrosion
7. Impermeability to gases.
8. Low coefficient of expansion.

APPLICATION OF THE MULTILAYER PIPE GAS

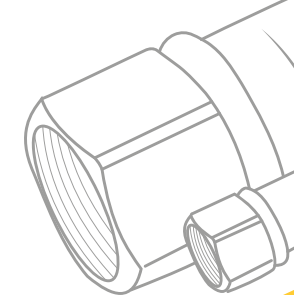
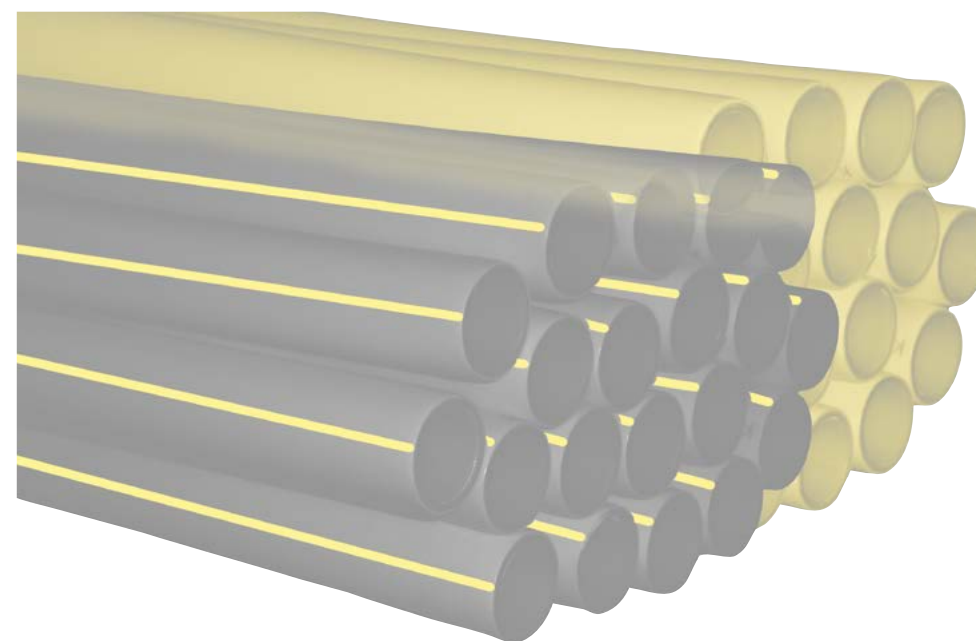
The multi-layer gas pipeline is applied to gas receiving installations with a maximum operating pressure of 5 bar and temperatures between - 20 ° C to 60 ° C.

According to rule 53008-1:

For **interior applications** we manufacture the multilayer pipe in yellow color that comply with all the necessary tests to guarantee its use in the interior.



For outdoor applications we manufacture the black pipe with three yellow bands that comply with all the necessary tests to guarantee its use outdoors.



ASSEMBLY INSTRUCTIONS FOR GAS MULTILAYER SYSTEM

Before starting the assembly check that the tubes are not broken, bent, damaged or apparently not suitable for installation. It is also necessary to check that the accessories to be used appear without any dirt residues in any of their components or present any anomaly or deterioration that prevents their correct use.

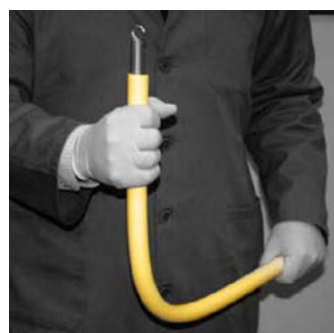
VERY IMPORTANT: THE USE OF DETERIORATED TUBES AND / OR ACCESSORIES, IN BAD CONDITION OR IN CONDITIONS OF CONSERVATION OR MAINTENANCE NOT SUITABLE FOR INSTALLATION, EXCLUDES THE WARRANTY.
(see warranty page and general conditions).



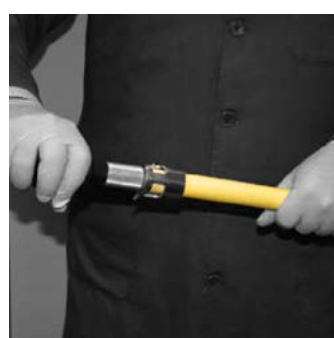
All assembly processes on our YouTube channel



Cut the tube perpendicular to its length, using a tool that guarantees a clean and precise cut.



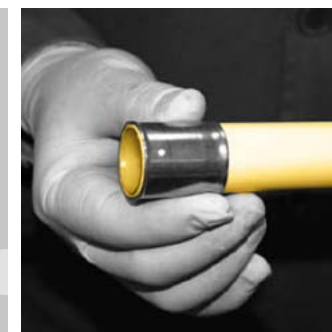
When it comes to getting a very tight curve, it is advisable to use an internal or external spring, adapted to the diameter of the tube that we are going to bend (see page 43).



It is mandatory to insert the calibrator / reamer ref. AE inside the tube, turning until filing the inside and outside edge of it. Such operation is essential to facilitate the insertion of the fitting into the tube and prevent the O-rings from being damaged, or displaced from their housing.



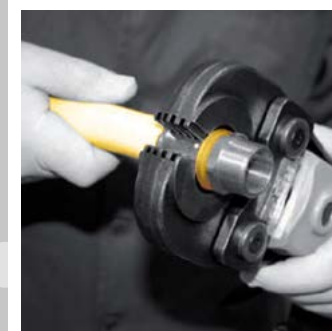
Lubricate the part of the accessory that is inserted.
Lubricant ref. L-400



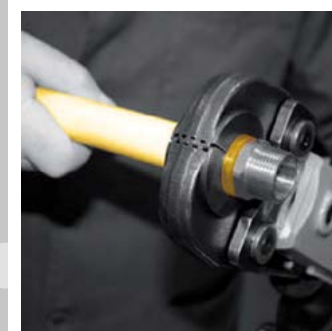
Insert the stainless steel cap into the tube, in the position that the inspection holes are located at the end of the tube.



The fitting must be inserted in the tube to its base so that the stainless steel cap is attached to the anti-electrolysis plastic gasket.



Position the pliers, of the measure corresponding to the tube, in the stainless steel cap, as close as possible to the electrolysis joint.
USE RFz and RFlz JAWS for measurements 16x2, 20x2, 25x2, 5 and 32x3.



ATTENTION Isoltubex is not responsible for the problems that may arise from the use of inadequate jaws or in poor condition.

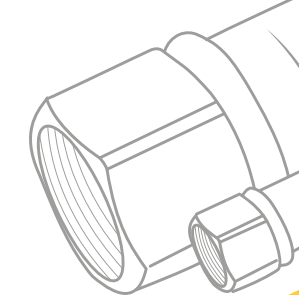


Proceed to the pressing: It is very important to use electric or battery presses, which guarantee a thrust force of 32 Kn / cm². It is advisable to use only approved tools.

Remember, the machines and jaws have a limited life, check that your pressing equipment is in perfect working order and that the jaws have not suffered wear and tear due to use.

After pressing, remove the pliers, the connection has already been made.

Consult technical manual of your machine and jaws. Follow the manufacturer's instructions.



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GAS MULTILAYER SYSTEM CERTIFIED



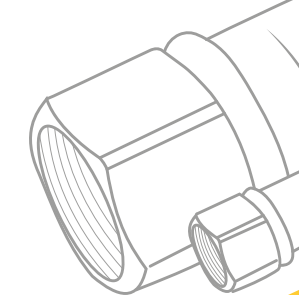
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GAS MULTILAYER SYSTEM CERTIFIED

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MULTILAYER GAS PIPES

MULTILAYER GAS PIPES

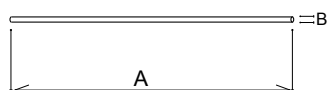


04

MULTILAYER GAS BAR PIPE - 4 meters - INTERIOR USE



SUITABLE FOR INTERIOR INSTALLATIONS.
NOT SUITABLE FOR WEATHER USE
WITHOUT ADDITIONAL PROTECTION

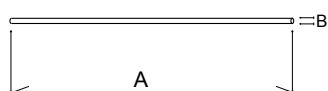


Reference	Ø Tube	Measurements Bar		Weight Bar	PACKAGE			PALET 410x100x80 cm	
		A	B		n° Bars	Meters	Weight	n° Bars	Weight
MCGAS16-B4	16 x 2	400	1,6	0,42	50	200	21,00	1000	420,00
MCGAS20-B4	20 x 2	400	2,0	0,54	35	140	18,90	700	378,00
MCGAS25-B4	25 x 2,5	400	2,5	0,86	20	80	17,20	400	344,00
MCGAS32-B4	32 x 3	400	3,2	0,86	14	56	12,04	280	240,80
		cm	cm	kg	uns.	mts.	kg	uns.	kg

MULTILAYER GAS BAR PIPE - 4 meters - EXTERIOR USE

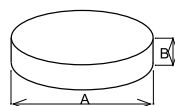


SUITABLE FOR EXTERIOR
INSTALLATIONS
BLACK WITH YELLOW BANDS



Reference	Ø Tube	Measurements Bar		Weight Bar	PACKAGE			PALET	
		A	B		n° Bars	Meters	Weight	n° Bars..	Weight
MCNGAS16-B4	16 x 2	400	1,6	0,42	50	200	21,00	1000	420,00
MCNGAS20-B4	20 x 2	400	2,0	0,54	35	140	18,90	700	378,00
MCNGAS25-B4	25 x 2,5	400	2,5	0,86	20	80	17,20	400	344,00
MCNGAS32-B4	32 x 3	400	3,2	0,86	14	56	12,04	280	240,80
		cm	cm	kg	uns.	mts.	kg	uns.	kg

CORRUGATED PIPE IN ROLL



Reference	Ø Tube	Meters Roll	Measurements Roll		Weight Roll	PALET	
			A	B		n° Rolls	Weight
COGAS16	DN 19,4 mm	50	20	40	1,54	72	110,88
COGAS20	DN 24,0 mm	50	20	58	2,30	48	110,40
COGAS25	DN 29,5 mm	50	22	72	3,50	30	105,00
COGAS32	DN 36,4 mm	25	20	63	2,10	44	92,40
		mts.	cm	cm	kg	uns.	kg

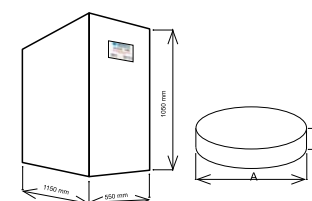
MULTILAYER GAS PIPE IN ROLL - Box -



SUITABLE FOR INTERIOR INSTALLATIONS.
NOT SUITABLE FOR WEATHER USE WITHOUT
ADDITIONAL PROTECTION



SUITABLE FOR BLACK OUTER
FACILITIES WITH YELLOW BANDS



Reference	Ø Tube	Meters Roll	Meters Roll		Weight	BOX			PALET	
			A	B		n° Rolls	Meters	Weight	n° Rolls	Weight
MCGAS16-R25	16 x 2	25	55,0	14,0	2,65	20	500	53,00	80	212,00
MCGAS20-R25	20 x 2	25	57,5	17,0	3,40	12	300	40,80	48	163,20
MCGAS25-R25	25 x 2,5	25	63,0	15,0	5,38	12	300	64,56	48	258,24

MCNGAS16-R25	16 x 2	25	55,0	14,0	2,65	20	500	53,00	80	212,00
MCNGAS20-R25	20 x 2	25	57,5	17,0	3,40	12	300	40,80	48	163,20
MCNGAS25-R25	25 x 2,5	25	63,0	15,0	5,38	12	300	64,56	48	258,24
		mts.	cm	cm	kg	uns.	mts.	kg	uns.	kg

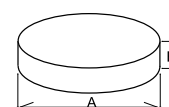
MULTILAYER GAS PIPE IN ROLL



SUITABLE FOR INTERIOR INSTALLATIONS.
NOT SUITABLE FOR WEATHER USE
WITHOUT ADDITIONAL PROTECTION



SUITABLE FOR BLACK OUTER
FACILITIES WITH YELLOW
BANDS



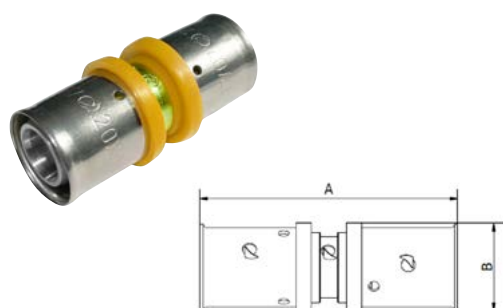
Reference	Ø Tube	Meters Roll	Meters Roll		Weight	PALET	
			A	B		n° Rolls	Weight
MCGAS16-R100	16 x 2	100	63,0	17,5	10,60	24	254,40
MCGAS20-R100	20 x 2	100	67,0	21,5	13,60	22	299,20
MCGAS25-R50	25 x 2,5	50	83,0	20,0	10,75	16	172,00
MCGAS32-R50	32 x 3	50	93,0	17,0	16,75	16	268,00

MCNGAS16-R100	16 x 2	100	63,0	17,5	10,60	24	254,40
MCNGAS20-R100	20 x 2	100	67,0	21,5	13,60	22	299,20
MCNGAS25-R50	25 x 2,5	50	83,0	20,0	10,75	16	172,00
MCNGAS32-R50	32 x 3	50	93,0	17,0	16,75	16	268,00
		mts.	cm	cm	kg	uns.	kg

GAS MULTILAYER ACCESSORIES

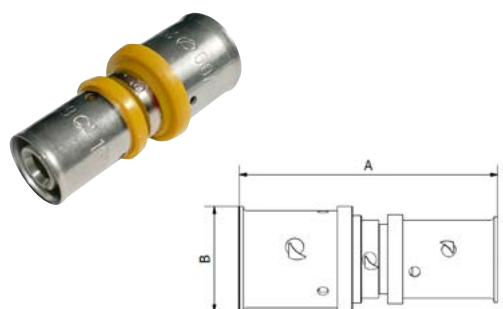
For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

UNIÓN



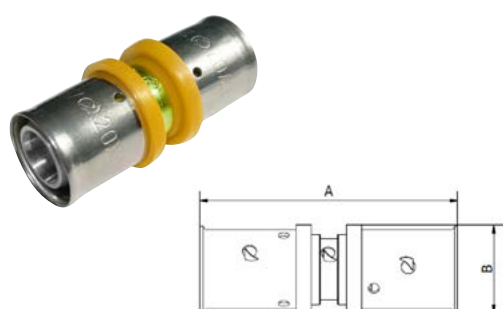
Reference	Measure	A	B	Weight		
GU16	16	58,76	20,30	44	45	360
GU20	20	60,00	24,30	61	30	240
GU25	25	73,00	30,28	106	15	120
GU32	32	73,40	37,30	149	10	80
	Ø	mm	mm	g	uns.	uns.

REDUCER



Reference	Measure	A	B	Weight		
GR2016	20 - 16	57,20	24,30	55	37	296
GR2520	25 - 20	65,10	30,28	86	20	160
GR3225	32 - 25	73,20	37,30	132	12	96
	Ø	mm	mm	g	uns.	uns.

TRANSITION



Reference	Measure	A	B	Weight		
GTRAN32	32	73,40	37,30	149	10	80
	Ø	mm	mm	g	uns.	uns.

ELBOW

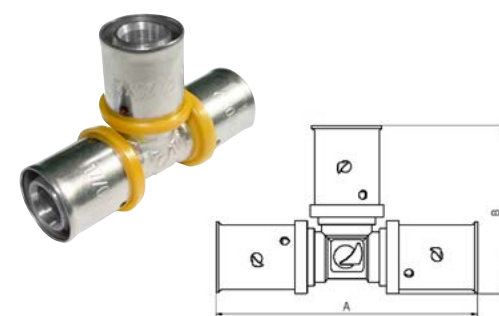


Reference	Measure	A	B	Weight		
GC16	16	46,40	20,30	53	32	256
GC20	20	49,85	24,30	74	22	176
GC25	25	64,15	30,28	134	11	88
GC32	32	71,35	37,30	194	6	48
	Ø	mm	mm	g	uns.	uns.

GAS MULTILAYER ACCESSORIES

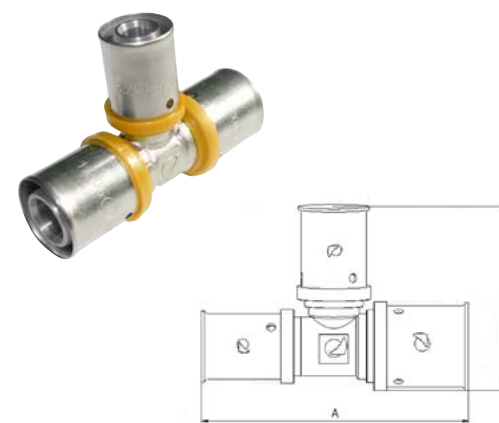
For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

TEE



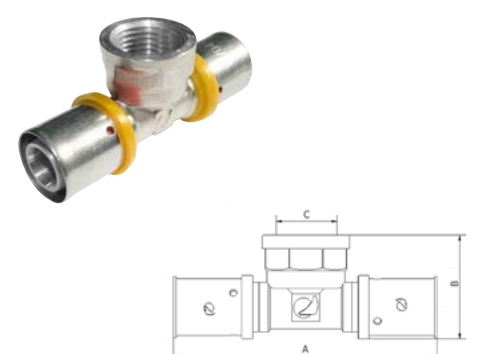
Reference	Measure	A	B	Weight		
GT16	16	71,20	45,75	75	20	160
GT20	20	75,20	49,75	107	14	112
GT25	25	98,00	64,14	192	6	48
GT32	32	105,40	71,05	273	4	32
	Ø	mm	mm	g	uns.	uns.

REDUCER TEE



Reference	Measure	A	B	Weight		
GTR201616	20-16-16	71,20	49,75	89	20	160
GTR201620	20-16-20	71,20	49,75	96	14	112
GTR202016	20-20-16	76,20	49,75	102	18	144
GTR251616	25-16-16	84,10	54,80	110	10	80
GTR251625	25-16-25	91,00	54,80	150	9	72
GTR252020	25-20-20	84,10	54,75	134	10	80
GTR252025	25-20-25	92,00	55,25	160	8	64
GTR252516	25-25-16	91,00	54,80	150	9	72
GTR252520	25-25-20	88,60	64,15	165	7	56
GTR322525	32-25-25	98,70	69,15	225	5	40
GTR322532	32-25-32	98,40	71,15	240	5	40
	Ø	mm	mm	g	uns.	uns.

FEMALE TEE



Reference	Measure	A	B	C	Weight		
GTH1612	16 - 1/2"	83,20	33,15	G1/2	104	16	128
GTH2012	20 - 1/2"	83,20	37,15	G1/2	120	12	96
GTH2034	20 - 3/4"	89,20	37,15	G3/4	155	10	80
GTH2534	25 - 3/4"	105,00	41,64	G3/4	205	7	56
	Ø	mm	mm		g	uns.	uns.

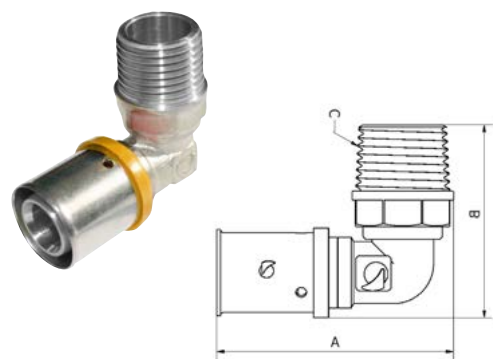


THESE ACCESSORIES, JOINED TO OUR MULTILAYER PIPES, CONFORM THE GAS MULTILAYER SYSTEM, CERTIFIED AND ISSUED BY AENOR IN ACCORDANCE WITH THE UNE EN ISO 53008 STANDARD.

GAS MULTILAYER ACCESSORIES

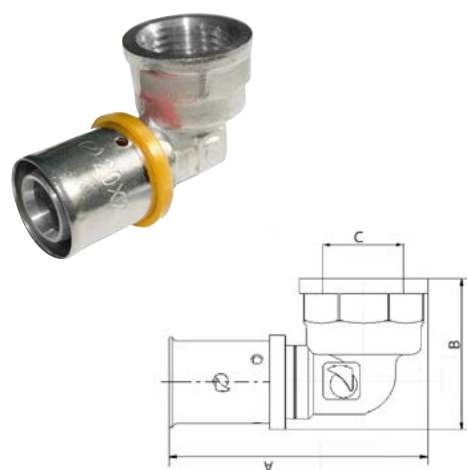
For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

MALE ELBOW



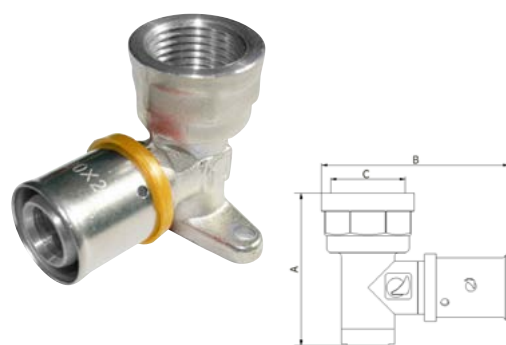
Reference	Measure	A	B	C	Weight		
GCM1612	16 - 1/2"	53,10	43,65	R1/2	73	25	200
GCM2012	20 - 1/2"	52,60	46,99	R1/2	85	20	160
GCM2034	20 - 3/4"	57,10	47,65	R3/4	91	14	112
GCM2534	25 - 3/4"	65,00	53,15	R3/4	128	12	96
	Ø	mm	mm		g	uns.	uns.

FEMALE ELBOW



Reference	Measure	A	B	C	Weight		
GCH1612	16 - 1/2"	55,60	29,50	G1/2	71	30	240
GCH2012	20 - 1/2"	55,60	33,00	G1/2	86	22	176
GCH2034	20 - 3/4"	60,00	33,00	G3/4	91	15	120
GCH2534	25 - 3/4"	69,00	36,50	G3/4	127	10	80
	Ø	mm	mm		g	uns.	uns.

WALL PLATED FEMALE ELBOW



Reference	Measure	A	B	C	Weight		
GCSH1612	16 - 1/2"	46,00	55,60	G1/2	107	14	112
GCSH2012	20 - 1/2"	46,00	55,60	G1/2	120	12	96
	Ø	mm	mm		g	uns.	uns.



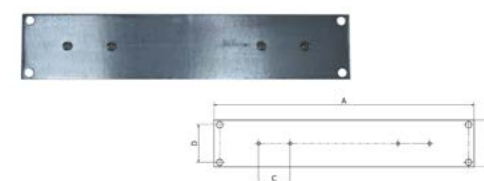
THESE ACCESSORIES, JOINED TO OUR MULTILAYER PIPES, CONFORM THE GAS MULTILAYER SYSTEM, CERTIFIED AND ISSUED BY AENOR IN ACCORDANCE WITH THE UNE EN ISO 53008 STANDARD.

GAS MULTILAYER ACCESSORIES

For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

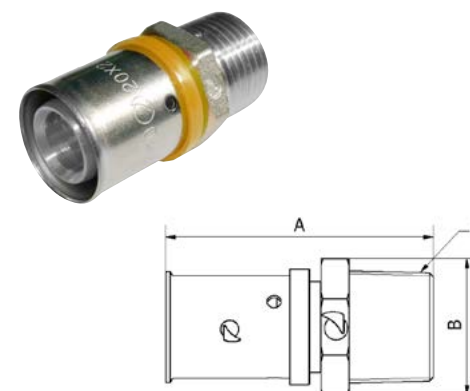
PLATE

FOR WALL PLATED FEMALE ELBOW



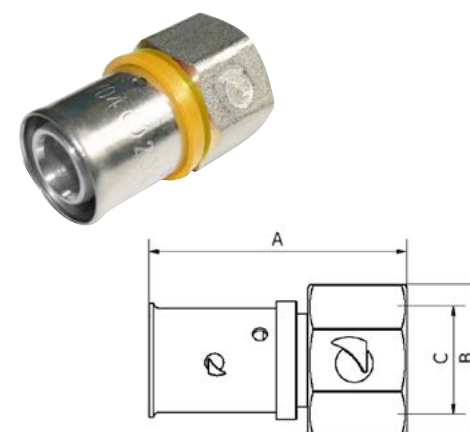
Reference	A	B	C	D	Weight		
PLACA	255,00	50,00	34,00	40,00	236	10	100
	mm	mm	mm	mm	g	uns.	uns.

MALE UNION



Reference	Measure	A	B	C	Weight		
GEM1612	16 - 1/2"	46,60	26,00	R1/2	50	50	400
GEM2012	20 - 1/2"	46,60	26,00	R1/2	57	40	320
GEM2034	20 - 3/4"	47,60	31,00	R3/4	70	35	280
GEM2534	25 - 3/4"	55,50	31,00	R3/4	93	18	144
GEM251	25 - 1"	56,50	39,00	R1	114	16	128
GEM321	32 - 1"	56,70	39,00	R1	129	14	112
	Ø	mm	mm		g	uns.	uns.

FEMALE UNION



Reference	Measure	A	B	C	Weight		
EH1612	16-1/2"	43,60	28,00	G1/2	54	40	320
EH2012	20-1/2"	43,60	28,00	G1/2	61	35	280
EH2034	20-3/4"	43,60	33,00	G3/4	67	30	240
EH251	25-1"	52,50	41,00	G1	117	12	96
EH321	32-1"	52,70	41,00	G1	131	12	96
	Ø	mm	mm		g	uns.	uns.



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GAS MULTILAYER ACCESSORIES

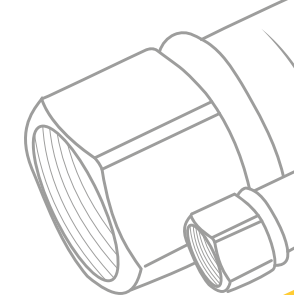
For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes



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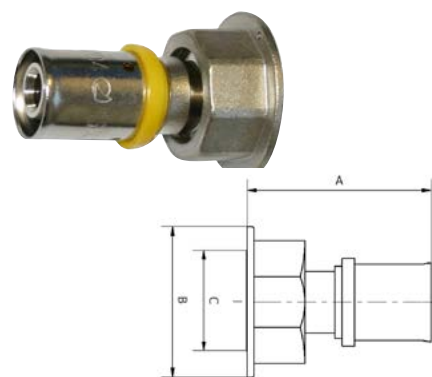
GAS MULTILAYER ACCESSORIES

For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes



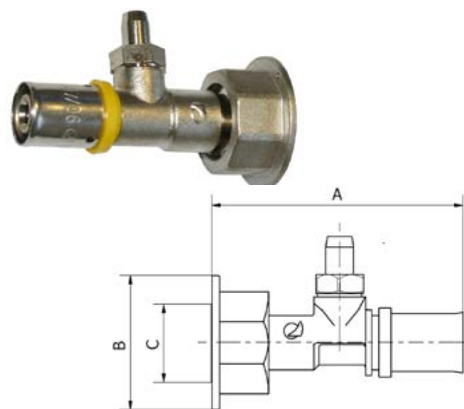
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DESMOUNTABLE FEMALE UNION WITH SEAL



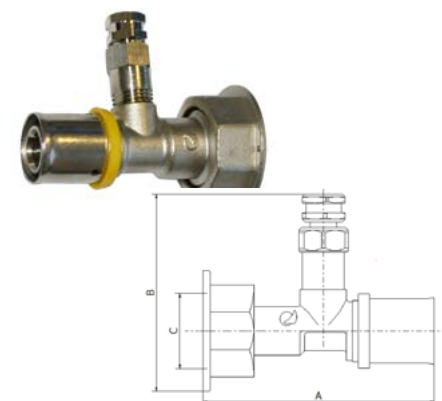
Reference	Measure	A	B	C	Weight		
GRM1612	16 - 1/2"	51,40	31,50	G1/2	68	48	384
GRM1634	16 - 3/4"	50,00	39,20	G3/4	75	30	240
GRM2020150	20 - 20/150	52,60	28,00	M20 X 1,5	100	24	192
GRM2034	20 - 3/4"	53,60	33,00	G3/4	88	24	192
GRM2078	20 - 7/8"	51,00	41,50	G7/8	100	20	160
GRM2534	25 - 3/4"	60,63	39,20	G3/4	160	18	144
GRM2578	25 - 7/8"	61,60	41,50	G7/8	129	14	112
GRM321	32 - 1"	68,20	45,50	G1	184	14	112
	Ø	mm	mm		g	uns.	uns.

DESMOUNTABLE FEMALE UNION WITH PRESSURE WEAK CALIBER INLET WITH SEAL



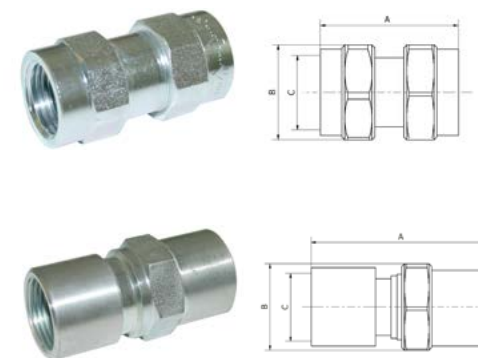
Reference	Measure	A	B	C	Weight		
GRMTDC1634	16 - 3/4"	73,45	39,20	G3/4	125	18	144
GRMTDC1678	16 - 7/8"	73,50	41,50	G7/8	126	18	144
GRMTDC2012	20 - 1/2"	72,10	31,50	G1/2	113	20	160
GRMTDC2034	20 - 3/4"	74,45	39,25	G3/4	135	15	120
GRMTDC2078	20 - 7/8"	73,50	41,50	G7/8	136	15	120
GRMTDC2578	25 - 7/8"	80,00	41,50	G7/8	163	14	112
	Ø	mm	mm		g	uns.	uns.

DESMOUNTABLE FEMALE UNION WITH PETERSON INLET WITH SEAL



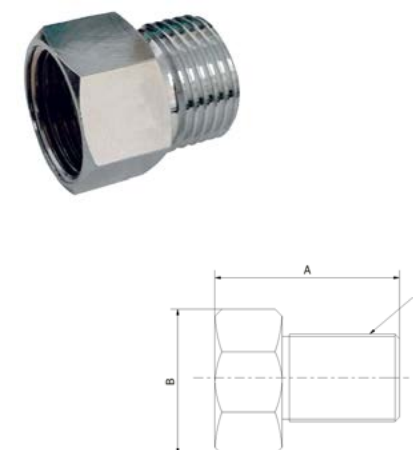
Reference	Measure	A	B	C	Weight		
GRMTP2034	20 - 3/4"	75,15	64,16	G3/4	144	15	120
GRMTP2078	20 - 7/8"	73,50	66,65	G7/8	145	12	96
GRMTP2578	25 - 7/8"	80,00	66,65	G7/8	171	12	96
	Ø	mm	mm		g	uns.	uns.

THERMAL SAFETY DEVICE FEMALE-FEMALE



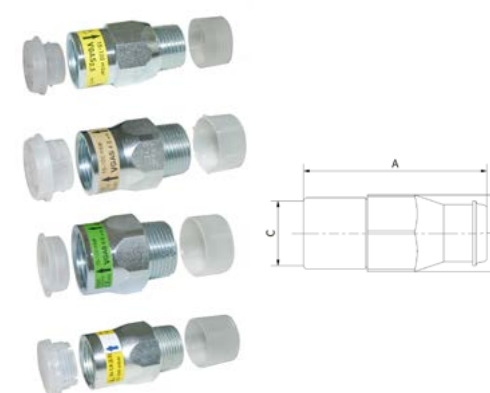
Reference	Measure	A	B	C	Weight		
GDSTHH12	1/2"	54,5	29,2	G1/2	125	1	15
GDSTHH34	3/4"	70,0	36,9	G3/4	198	1	15
	Ø	mm	mm		g	uns.	uns.

FLOW LIMITER MALE FEMALE



Reference	Measure	Flow	A	B	C	Weight		
GLC12	1/2"	1,5 m3/h	29,14	27,88	G1/2	51	-	1
GLC20150	20/150	1,5 m3/h	29,14	27,88	M20x1,5	52	-	1
	Ø		mm	mm		g	uns.	uns.

FLOW LIMITER MALE FEMALE



Reference	Measure	Flow	A	B	C	Weight		
GLC25-1/2	1/2"	2,5 m3/h	59,00	29,00	G1/2	117	-	25
GLC25-3/4	3/4"	2,5 m3/h	60,00	35,10	G3/4	186	-	15
GLC4-3/4	3/4"	4,0 m3/h	59,30	35,10	G3/4	149	-	10
GLC6-1	1"	6,0 m3/h	56,00	45,00	G1	260	-	10
	Ø		mm	mm		g	uns.	uns.



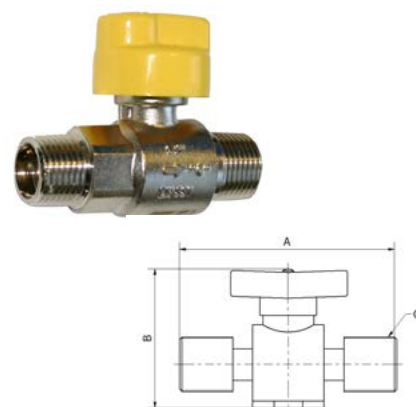


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GAS MULTILAYER ACCESSORIES

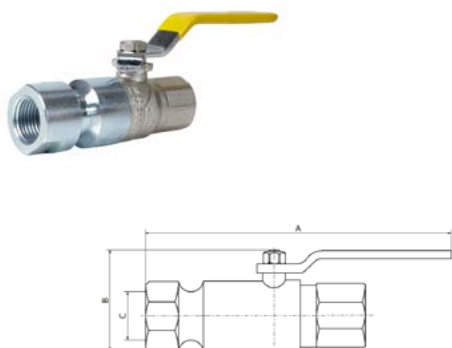
For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

SAFETY VALVE



Reference	Measure	A	B	C	Weight		
GVAL-S12	1/2" X 1/2"	75,5	60,61	G1/2	217	-	1
GVAL-S20150	20/150 X 20/150	75,5	60,61	M20X1,50	217	-	1
	Ø	mm	mm		g	uns.	uns.

BALL VALVE + THERMAL DEVICE



Reference	Measure	A	B	C	Weight		
GVAL12	1/2"	147,9	59,60	G1/2	332	-	1
GVAL34	3/4"	160,25	62,20	G3/4	337	-	1
GVAL1	1"	205,20	80,96	G1	975	-	1
	Ø	mm	mm		g	uns.	uns.

It consists of a thermal fuse that a temperature higher than + 95°C closes the gas supply.

SEALANT



Reference	Measure	A	B	C	Weight		
GSELLANTE	100 ML	177	48	28	76	1	1
		mm	mm		g	uns.	uns.

Anaerobic adhesive, suitable for sealing threaded metal connections. Suitable for the sealing of gas, LPG, compressed air, oils, fuels, CFC, drinking water and other chemical products. Its low coefficient of friction ensures easy assembly and its thixotropic properties prevent the migration of the product into the thread before and during curing. Replace the tow and PTFE tapes. The hardened product forms a tenacious film with medium resistance to disassembly. Resistant to impacts, vibrations, thermal shock and maintains its sealing properties in the temperature range between -55 ° C / + 150 ° C, with peaks up to + 230 ° C **.



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GAS MULTILAYER ACCESSORIES

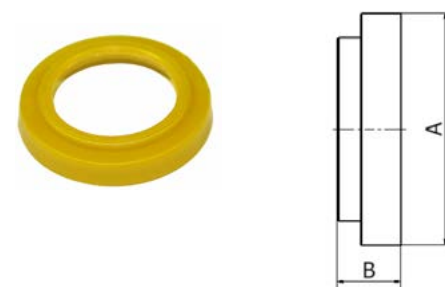
For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

INOX RING



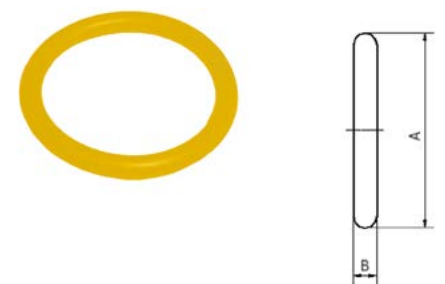
Reference	Measure	A	B	Weight		
CI16	16	24,14	18,17	7	-	100
CI20	20	23,90	22,70	10	-	100
CI25	25	31,60	28,12	17	-	50
CI32	32	31,70	34,80	22	-	30
	Ø	mm	mm	g	uns.	uns.

GAS ELECTROLYSIS JOINT



Reference	Measure	A	B	Weight		
GJE16	16	20,40	5,50	0,50	-	100
GJE20	20	24,30	5,50	0,50	-	100
GJE25	25	30,30	5,50	0,50	-	100
GJE32	32	37,30	6,00	1,00	-	100
	Ø	mm	mm	g	uns.	uns.

EPDM O-RING



Reference	Measure	A	B	Weight		
JG16	16	12,1	1,6	0,50	-	100
JG20	20	16,1	1,6	0,50	-	100
JG25	25	20,1	2,1	0,50	-	100
JG32	32	26,1	2,1	1,00	-	100
	Ø	mm	mm	g	uns.	uns.



IMPLEMENTS AND TOOLS

GAS MULTILAYER ACCESSORIES

For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes

DRILL



Reference	Characteristics	Long Briefcase	Width Suitcase	Prof. Briefcase	Weight Suitcase		
DRILL	Drilling machine with adjustment for tightening.	31,0	28,0	10,0	3751	-	5
		cm	cm	cm	g	uns.	uns.

Technical characteristics

Inactivity rotation speed	0-350 / 0-900 rpm
Rotation coupling level	19 + 1
Chuck tightening capacity	max. 10 mm
Charge voltage, accumulator	18V d.c
Charge current, accumulator	400 mA
Mains voltage, charger	230V - 50Hz
Loading time	3 - 5 h
Battery Type	NI - CD
Machine weight	1,7 Kg

REAMER



Adaptable to any type of domestic electric drill

Reference	Measure	Long	Width	Deep	Weight		
AE16	16	6,50	3,50	3,50	51	-	1
AE20	20	6,50	3,50	3,50	64	-	1
AE25	25	6,50	4,00	4,00	83	-	1
AE32	32	6,50	4,00	4,00	102	-	1
	Ø	cm	cm		g	uns.	uns.

HANDLE FOR REAMER



Reference	Long	Width	Deep	Weight		
MAN	13	5	5	156	-	1
	cm	cm		g	uns.	uns.

KIT REAMER



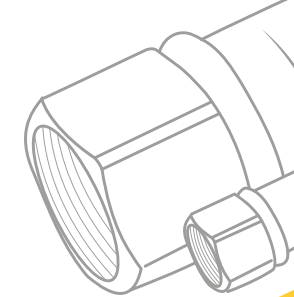
Includes Knob and flares Ø16, Ø20 and Ø25

Reference	Measure	Long Briefcase	Width Suitcase	Prof. Briefcase	Weight		
KITA	16 - 20 - 25	24	20	5	551	-	1
	Ø	cm	cm		g	uns.	uns.

IMPLEMENTS AND TOOLS

GAS MULTILAYER ACCESSORIES

For 16x2, 18x2, 20x2, 25x2.5, 32x3 tubes



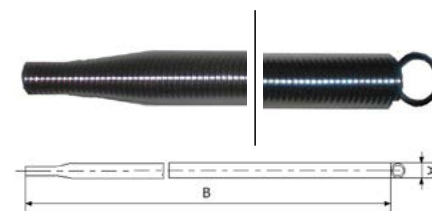
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CALIBRATOR REAMER



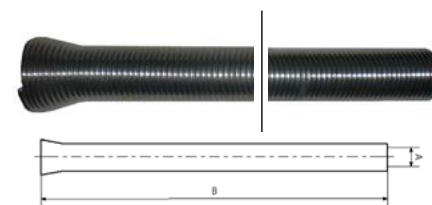
Reference	Measure	Long	Width	Deep	Weight		
A161820	16 - 18 - 20	10	9	2,5	56	9	72
A202532	20 - 25 - 32	12	11	2,5	85	10	100
	Ø	cm	cm	cm	g	uns.	uns.

INTERIOR SPRING



Reference	Measure	A	B	Weight		
MUELLINT16	16	11,00	800	186	-	90
MUELLINT20	20	16,50	800	290	-	80
MUELLINT25	25	17,00	800	490	-	40
MUELLINT32	32	22,50	800	645	-	20
	Ø	mm	mm	g	uns.	uns.

EXTERIOR SPRING



Reference	Measure	A	B	Weight		
MUELLEX16	16	18,00	500	318	-	60
MUELLEX20	20	22,00	500	478	-	25
MUELLEX25	25	28,00	500	724	-	25
MUELLEX32	32	34,00	500	1009	-	25
	Ø	mm	mm	g	uns.	uns.

LUBRICANT



Reference	Characteristics	Height	Ø	Weight		
L-400		21,0	6,00	375	4	24
		cm	cm	g	uns.	uns.

Transparent fluid of extreme quality. its optimal results do not take long to manifest themselves in its application between contact surfaces protecting and eliminating moisture, it is anticorrosive and highly lubricant. Specific

SCISSORS



Reference	For tubes	Long	Width	Deep	Weight		
TIJ1632	Ø16 until Ø32	10,5	23,0	2,5	544	-	1
		cm	cm	cm	g	uns.	uns.

MULTILAYER ACCESSORIES

For 16x2, 18x2, 20x2, 25x2.5, 32x3, 40x4, 50x4.5, 63x6 tubes



Gag "RFz"

JAWS "RFz" and "U"

Reference	Measure	Long	Width	Deep	Weight		
RFIz 16	16	9,5	14,5	4,5	1834	-	1
RFIz 20	20	9,5	14,5	4,5	1818	-	1
RFIz 25	25	10,0	15,5	4,5	2112	-	1
RFIz 32	32	10,0	14,4	4,5	1824	-	1
	Ø	mm	mm	mm	g		uns.

Adaptable to the majority of radial presses existing in the market



POWER PRESS

Reference	Characteristics		
572111	Electro-mechanical actuating machine with maintenance-free gear with sliding clutch for safety. Proven universal motor, 230V, 50-60Hz, 500W. The pressing tongs remain closed until the recoil connection, therefore, possibility of visually checking the correct pressing. Packed in tough metal case The machine does not include jaws. Thrust force 32kN.	-	1
			uns.



AKKU PRESS

Reference	Characteristics		
571014	Electro-hydraulic actuating machine with gear. Optimal weight distribution for one-handed operation. Rotating press holder. Piston pump with robust planetary gear. Powerful motor by accumulation of 12V 12V, 2Ah accumulator. Fast charger 230V, 50W. Automatic Circuit Control (ACC): Automatic recoil after completing the pressing process. Optical indicator after 10,000 pressings. Packed in tough metal case The machine does not include jaws. Thrust force 32kN.	-	1
			uns.

