

DATA SHEET

Test Cert. 2.2 Acc. EN10204:2004

ATUSA ITALIA SpA

MATERIAL
GRADE

E- 235
1,0308

NORMA DE FABRICACION
MANUFAC. SPECIFICATION

EN 10.305-2: 2002
Table 4 +N

DESCRIPCION DEL MATERIAL / DESCRIPTION OF MATERIAL **STEEL ZINC PLATED PRESSFITTINGS**

PRODUCTO / PRODUCT	DIMENSIONES / DIMENSIONS				TEST	
Artículo Descripción Art. Description	NOMINAL PRESSURE	DIAM.EXTERIOR OUTSIDE DIAM.	ESPESOR THICKNEES	O-ring Material	Corrosion Treatment	Ident. Mark
Bend 90° Press x Press F-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Bend 90° Diameter x Press F-M	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Bend 45° Press x Press F-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Bend 45° Diameter x Press F-M	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Coupling Press x Press F-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Adapter Press x Compression F-F	16 bar	15- 28	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Equal Tee Coupling F-F-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Sleeve Coupling Press x Press F-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Flange with Press-Joint	16 bar	22-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Coupling Reduction M-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Tee Coupling Press-Female-Press	16 bar	15x1/2"-108x 2"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Tee Coupling Reduction F-F-F	16 bar	15-108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Joint Connector Female x Press	16 bar	15x1/2"-54x 2 3/8"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Male Union Connector M-M	16 bar	15x1/2"-54x2"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Adapter Male x Press	16 bar	15x1/2"-108 x 4"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Adapter Female x Press	16 bar	15x1/2"-54x 2"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Adapter Male x Ø	16 bar	15x1/2"- 22x 3/4"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Adapter Female x Ø	16 bar	12x1/2"-22x 3/4"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Straight Female Union Connector	16 bar	15x1/2"-54x 2"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Threaded Bend 90° Male x Press	16 bar	12x3/8"- 54x 2"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Elbow Transition Male x Press	16 bar	15x3/8"- 22x3/4"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Elbow Transition Female x Press	16 bar	15x1/2"-28x 1"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Threaded Bend 90° Female x Press	16 bar	15x1/2"-35x 1 1/4"	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Bend 90° M-M	16 bar	15-54	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Crossover Coupling 4 x Press	16 bar	15-88,9	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
By Pass Bend Ø x Ø	16 bar	dic-28	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
End Cap Press	16 bar	15 - 108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Weld on Pipe	16 bar	15 - 108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.
Transition Joint for Grooved Fittings	16 bar	28 - 108	1,5 - 2 mm.	EPDM	Zinc Plated	O.K.

Essential Characteristics	Performance	Harmonised Technical specification
Dimensions and Shape	Tolerances Acc. Table 5	E.N. 10305-2: 2002
Mechanical Properties: Steel Designation: Tensile Strength: R_m Yield Point: R_{eH} Elongation at Fracture: A	E-235 (1.0308) 340 - 480 Mpa min. 235 Mpa min. 25 %	E.N. 10305-2: 2002 Table 4 +N
Weldability:	Foucault's Current Test	E.N 10246-3 Acceptance Level E3

COMPOSICION QUIMICA / CHEMICAL COMPOSITION

NORMA/NORM:	Carbono C% max	Silicio Si% max	Manganes Mn% max	Fosforo P% max	Azufre S% max	Aluminio Al min
	0,17	0,35	1,2	0,025	0,025	

PRUEBAS MECANICAS (ENSAYOS DESTRUCTIVOS) / MECHANICAL TEST

PRUEBA APLASTADO / FLATTENING TEST	<input type="text" value="O.K."/>	PRUEBA ABOCARDADO / FLARING TEST	<input type="text" value="O.K."/>
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Material Conforme a la condiciones de Pedido

The requirements stipulated are fulfilled