

UNIPIPE TECHNICAL SPECIFICATIONS

TECHNICAL SPEC'S	AIR	NITROGEN		VACUUM	AIR HP		
Max Working Pressure	16 bar	16 bar		-0.87bar	70 bar		
Plant Testing Pressure 1 hour Times 20°C	24 bar	24 bar		24 bar	105 bar		
Quality Testing Pressure 1 hour Times 20°C	64 bar	64 bar		64 bar	280 bar		
Minimum Burst Pressure @ 20°C	71 bar	71 bar			308 bar		
Continuous Working Temperature limit	From -20°C to +100°C	From -50°C to +150°C		From -20°C to +100°C	From -20°C to +100°C		
Thread Standard	BSPT - British Standard Pipe Thread complying to ISO 7-1 , DIN 2999, BS 21 (BS EN 10226-1), JIS B0203						
Aluminium Pipe Mechanical Resistance	Complies with EN - 755-2/2008						
Pipe Material	Aluminium alloy EN AW 6060 - T5 according to EN 755-2/2008 (equivalent to 6063TS-ASTM 241						
Aluminium Fittings Material	Aluminium alloy EN AW 6061 T6 corresponding to ASTM B241 - 6061T6 Aluminium Alloy ENAB 42000 corresponding to ASTM B26 - 356.0						
O-Ring & Lip Gasket Material	NBR 65/75 SHORE A	EPDM 65/75 S.A.		NBR 65/75 SHORE A	NBR 65/75 SHORE A		
Clamp Ring Material	AISI 304 Stainless Steel						
Production Tested %	1%	1%		1%	100%		
Pipe Surface treatment	Polyester resin coated						