

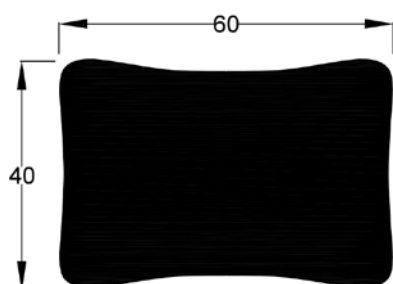


# TECHNICAL SHEET SEAL FOR INTERMEDIATE PRESSURE STATIONS

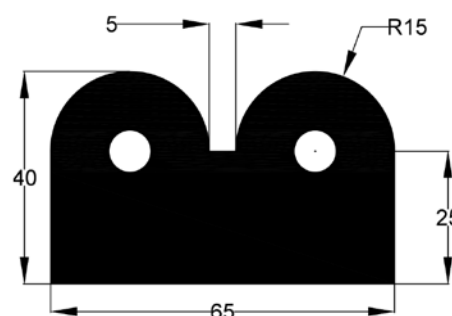
Microtunneling is one of the most modern technologies for laying and replacing pipes of every diameter. ANELTEC offers a wide range of solutions both for pipes and intermediate pressure stations.

**ANELTEC INT**, the rubber seals for intermediate pressure stations, are made of EPDM elastomer and designed to best suit the sealing requirements needed by this particular use. Our company produces and offers two different section designs, in order to best meet the specific needs of the customer.

**ANELTEC INT-1**



**ANELTEC INT-2**



Requirement	Essential characteristic	Test standard		Performance	Reference technical document	Harmonized technical specification
Dimensional tolerances	Class of tolerances	ISO 3302		E2	-	UNI EN-681-1:2006
Tightness: gas and liquid	Hardness	ISO 48		Class 50	Test report for Aneltec dated April 6th 2010	
	Tensile strength and elongation at break	ISO 37 Type 1 test-pieces	Ultimate tensile strength	12,3 MPa		
			Elongation at break	650%		
	Residual buckling in the air	ISO 815	24h, 70°C	12,8%		
72h, 23°C			8,2%			
72h, -10°C			30,2%			
Change of volume in water	ISO 1817			+ 4%		
Durability	Accelerated aging resistance in the air	ISO 37	Ultimate tensile strength	-4%	CERISIE, RP no. 642/2008	
			Elongation at break	-5%		
	ISO 188 Ageing resistance	ISO 48				+2,5%
			Compression stress relaxation	ISO 3384		7d, 23°C
	100d, 23°C	16,7%				
Ozone resistance	ISO 1431-1			No visible cracking at 7x		

