Techincal Specification

Mechanical Properties

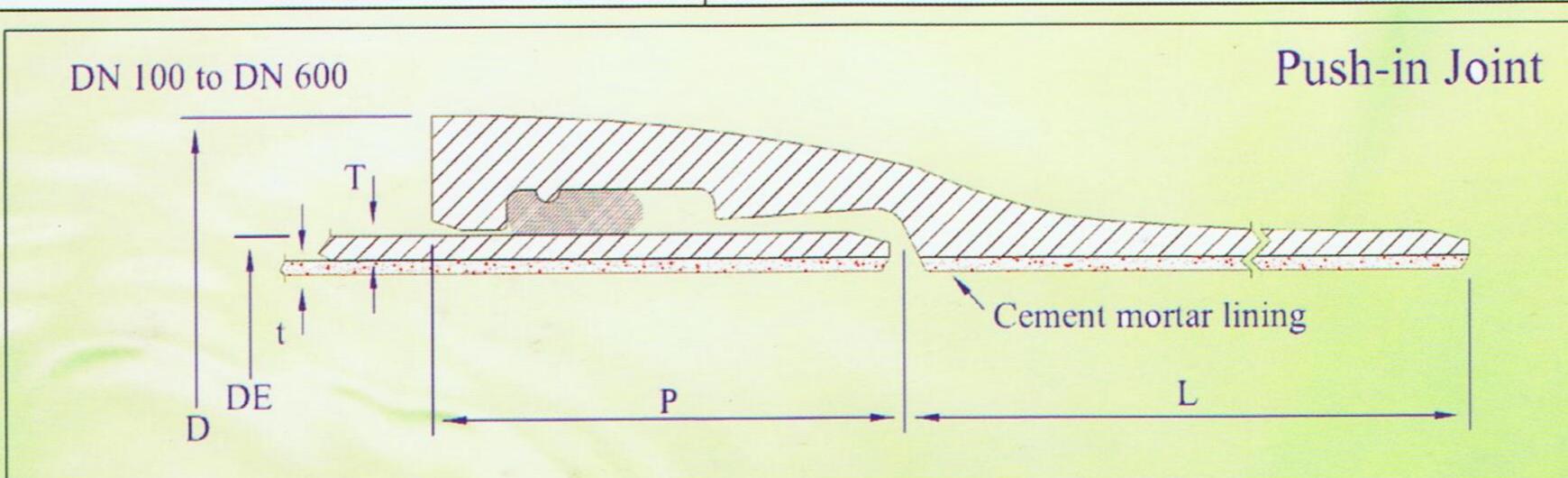
Duomontico	Centrifugally cast pipes			
Properties	DN 100 to DN 600			
Tensile strength	Min 420 N/mm ²			
Elongation	Min 10 % Max 230 HB			
Hardness				

Hydrostatic Test Pressure (K9)

Nominal Diameter	Centrifugally cast pipes			
DN 100 to DN 300	50 bar			
DN 350 to DN 600	40 bar			

Protections for Pipes

Protective Layer	Type			
External (1st layer) External (2nd layer) Internal	Metallic Zinc Coating Bituminous coating Cement mortar lining			



Pipe Rubber Ring Shape



Ductile Iron Pipe, K 9										
							Mass (kg)			
Nominal Diameter DN	DE	D	P	Т	t	L	Ductile Iron Pipe	Cement Mortar Lining	Total Mass	
100	118	161	100	6.0	4.0	6000	95	19	114	
150	170	217	100	6.0	4.0	6000	144	35	179	
200	222	274	100	6.3	4.0	6000	194	47	241	
250	274	325	110	6.8	4.0	6000	255	58	313	
300	326	380	110	7.2	4.0	6000	323	70	393	
350	378	442	110	7.7	5.0	6000	403	81	484	
400	429	500	110	8.1	5.0	6000	475	92	574	
450	480	556	110	8.6	5.0	6000	569	104	673	
500	532	609	110	9.0	5.0	6000	662	115	777	
600	635	715	110	9.9	5.0	6000	870	140	1010	

DN 100 - DN 400 also available in Class 40 upon request



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