



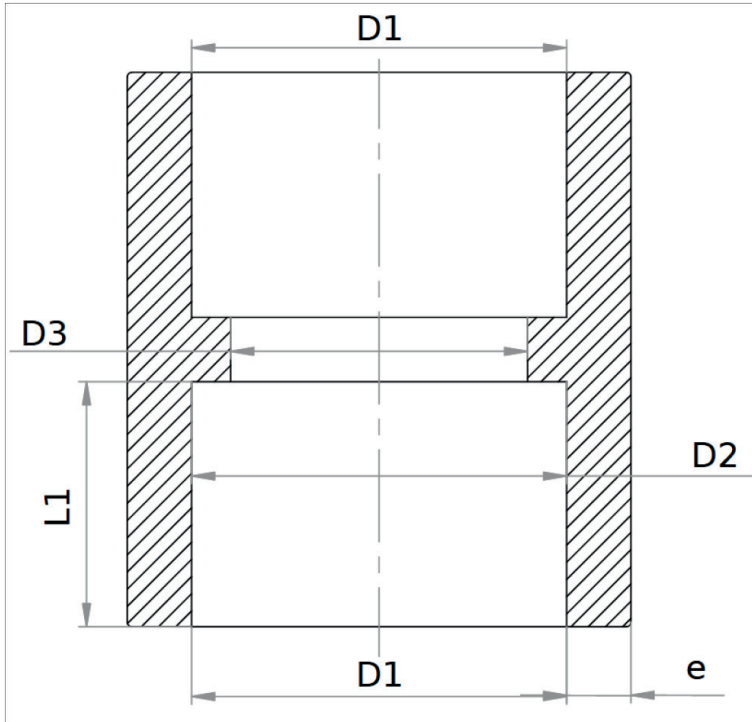
TECHNICAL DATA SHEET 94.17.020 to 110

Product Name	Socket
Intended Use	The Plumbing Systems

MATERIALS

BODY	PPR
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Dim.	PRODUCT CODE-9417...								
	020	025	032	040	050	063	075	090	110
DN	20	25	32	40	50	63	75	90	110
e	3,4min.	4,2min.	5,4min.	6,7min.	8,3min.	10,5min.	12,2min.	15min.	18,1min.
L1	14,5min.	16min.	18min.	20,5min.	23,5min.	27,5min.	30min.	33min.	37min.
D1	19,4±0,2	24,3±0,2	31,3±0,2	39,2±0,2	49±0,4	62,2±0,3	74±0,7	89±0,8	108,7±0,8
D2	19,1±0,3	24,1±0,2	31,1±0,2	38,9±0,3	48,8±0,4	61,9±0,3	73,3±0,7	87,9±0,5	107,6±0,6
D3	15,2min.	19,4min.	25min.	31,4min	39,4min	49,8min	59,4min	71,6min	87,6min



Max. design temperature, Tmax, in °C	80	
Design stress of fitting material, σ_{DF}, in MPa	3,02	
Test temperature, T_{test}, in °C	20	95
Test duration, t, in h	1	1000
Hydrostatic stress of fitting material, σ_F, in MPa	16	3,5
Test pressure, p_F, in bars,		
For a design		
pressure, p_D, of: 4bar	23,1 b	5,1b
6 bar	31,8	7,0
8 bar	42,5	9,3
10 bar	53,1	11,6
Number of test pieces	3	3

A-) Generally the highest test temperature is take to be (T_{max}+10) °C with an upper limit of 95 °C. However to match existing test facilities the highest test temperature for classes 1 and 2 is also set at 95°C. The hydrostatic stresses given correspond to the given test temperatures. A-) The °C, 10 bar, 50 years, cold water requirement, being higher, determines this value (see ISO 15874-1:2013, Clause 4)



INSTALLATION and USAGE INSTRUCTION

- 1- Fittings must not be exposed to sunlight and must be protected from hard and sharp impacts.
- 2- Fittings to be installed must be clean, and dirty materials must not be welded.
- 3- Ensure that the welding dies used in the process comply with standards, do not weld with worn dies.
- 4- Protect the fittings from areas where they might freeze, as freezing expansion can damage them.
- 5- Use appropriate sealing material when assembling threaded parts and avoid applying excessive force when tightening. This can cause the separation of plastic and metal.