

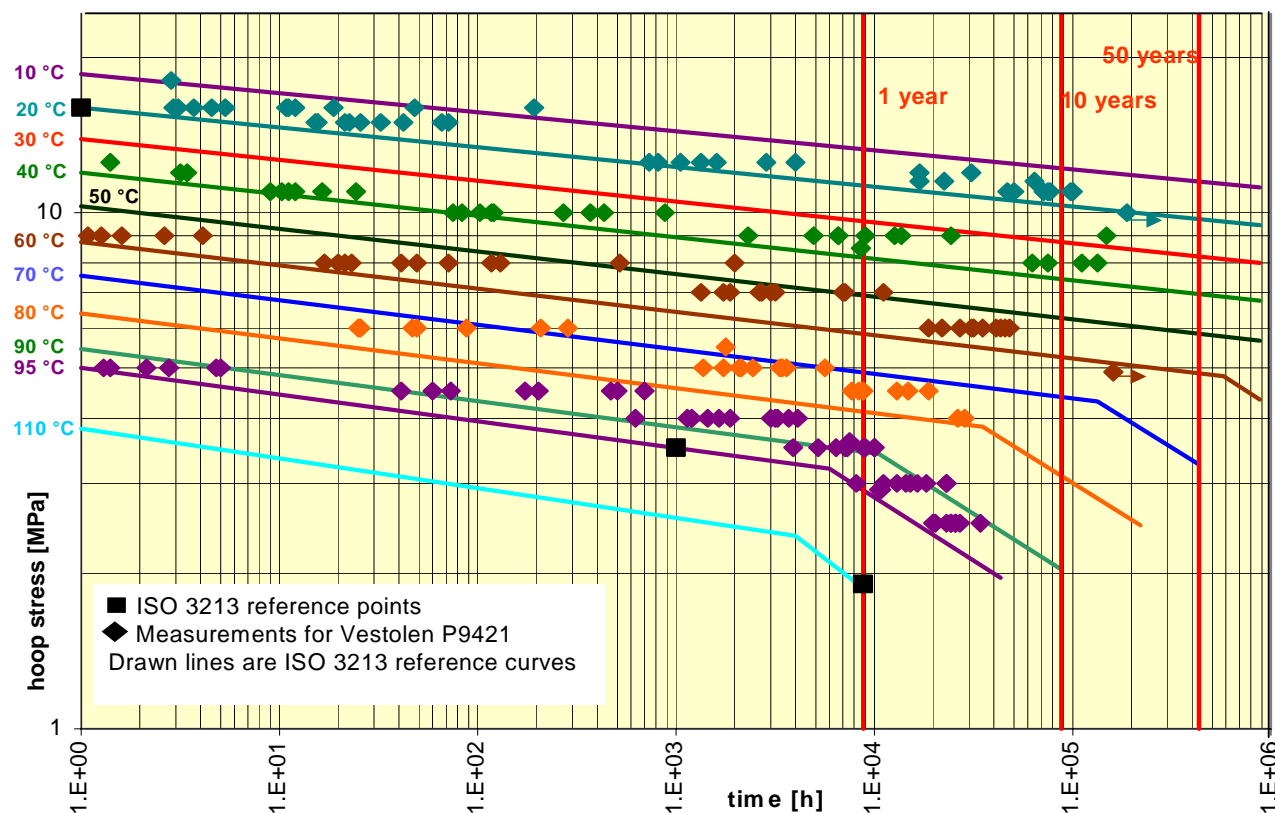


SABIC® Vestolen P9421: Hydrostatic Pressure Testing

Temp.	Hoop Stress	DIN 8078 requirement	Bodycote result	SABIC result	Remark
[°C]	[MPa]	[h]	[h]	[h]	
20	10	--	--	>187600	(>21 years)
20	16	1	--	48	
60	4.9	--	--	>161000	(>18 years)
95	3.5	1000	6243		
110	1.9	8760	28470		

For 25 years hydrostatic pressure testing of SABIC® Vestolen P9421 pipes has been going on at the SABIC EuroPetrochemicals laboratories in Gelsenkirchen (Germany), where SABIC® Vestolen P9421 is produced. These tests are performed according to the international standards EN ISO 15874, ISO 3213, and DIN 8078. The table shows some of the longest running tests, for more than 21 years! Moreover, it shows that pipes made out of SABIC® Vestolen P9421 easily meet the requirements set forth in these international standards, which is also verified by the independent test institute Bodycote.

The graph below has compiled averages of hundreds of hydrostatic pressure test results over the past 25 years. The drawn lines represent the pressure curves from ISO 3213, the squares indicating the control points. The points are the results of in-house hydrostatic pressure tests performed on pipes made out of SABIC® Vestolen P9421. The two points marked with an arrow are still running.



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