



Nº	TEST	pcs	STANDARD REQUEST			Result			
			Pressure	HR	HL	I	II	III	IV
1	Visual Inspection	All	Without any damage			no damage			
2	Pressure Test	All	Air pressure 10,3-14,5 MPa keep up 10-25 sec			11,4 MPa during 15 sec			
3	Constriction Test	All	Insert constriction gage, and drop within 5s			the gage dropped			
4	Volumetric Expansion + Burst Strength	4	6,9 MPa	2,17	1,08	0,35	0,35	0,35	0,35
			10,3 MPa	2,59	1,38	0,74	0,75	0,74	0,74
			20,0 MPa	4,00	2,00	1,95	1,95	1,98	1,95
			Burst strength $\geq$ 49 MPa			85	84	85	85
5	Brake Fluid Compatibility	4	Constriction $\geq$ Guage $\varnothing$ 2,03x76 weight 57g			OK	OK	OK	OK
			Burst test $\geq$ 34,5 MPa			88	87	88	89
6	Whip Test	4	$\geq$ 35 h, at 1,55-1,72 MPa - no leakage			no leakage during 124 hours			
7	Tensile Test	4	$\geq$ 1446 N			1670	1660	1720	1680
8	Cold Bend Test	2	-45 $\equiv$ -48°C for 70-72 h bend 180° in 3-5 sec - no cracks ( without magnification )			- 48°C no cracks			
9	Static Ozone Test	2	100 $\pm$ 5 pphm of ozone at 40 $\pm$ 3°C for 70-72 h - no cracks under 7-power magnification			no cracks			
10	Water Absorption Test	4	Tensile test $\geq$ 1446 N		After immersion in water 70-72 h at 85°C	1980	2120	1960	2040
		4	Whip test $\geq$ 35 h			more than 35 hours			
		4	Burst strength $\geq$ 34,5 MPa			77	79	79	78
11	Hot Impulse Test + Burst Strength	4	150 cycles (0 MPax1min / 11 MPax1 min) at 146°C - no likage			no leakage			
			Burst strength $\geq$ 34,5 MPa			87	84	85	88
12	Dynamic Ozone Test	4	First 27 $\pm$ 6°C, then 100 $\pm$ 10 pphm of ozone at 40 $\pm$ 3°C - no cracks after test min 48 h			no cracks	no cracks	no cracks	no cracks