Summary of the FEA results

P=0.12MPa

Gage #	Type	Arc length (mm)	Radius on normal pla	UX (micron)	UY (micron)	Uradial (micron)	Uazimutal (micron)	eVM microstrai	eX microstrai	eY microstrai	eradial microstrai	eazimutal microstrai	X (mm)	Z (mm)	Angle (rad)
1	Rosette	12.00	12.00	18.48	436.70	440.50	0.44	885.00	1425.80	-1222.90	-1226.00	1423.00	8.49	8.49	0.04
2	Uniaxial	10.00	10.00	14.69	447.20	442.50	0.36	897.00	1441.50	-1240.40	-1242.00	1443.00	7.07	-7.07	0.03
3	Rosette	31.00	30.95	34.40	350.60	352.30	1.00	701.00	1106.00	-952.00	-971.00	1125.00	21.89	21.89	0.10
4	Uniaxial	44.00	43.85	39.17	277.70	280.50	1.46	552.00	846.00	-732.00	-764.00	882.00	31.02	31.02	0.14
5	Uniaxial	44.00	43.85	39.17	277.70	280.50	1.46	552.00	846.00	-732.00	-764.00	882.00	31.02	-31.02	0.14
6	Uniaxial	44.00	43.85	39.17	277.70	280.50	1.46	552.00	846.00	-732.00	-764.00	882.00	31.02	31.02	0.14
7	Rosette	74.00	73.28	37.50	158.60	163.00	2.45	311.00	440.00	-377.00	-430.00	492.00	51.83	51.83	0.24
8	Uniaxial	87.00	85.82	35.40	130.60	137.80	2.86	252.00	339.00	-291.00	-348.00	396.00	60.71	60.71	0.29
9	Uniaxial	87.00	85.82	35.40	130.60	137.80	2.86	252.00	339.00	-291.00	-348.00	396.00	60.71	-60.71	0.29
10	Uniaxial	87.00	85.82	35.40	130.60	137.80	2.86	252.00	339.00	-291.00	-348.00	396.00	60.71	60.71	0.29
11	Rosette	119.00	116.00	28.60	77.90	83.00	3.69	169.00	222.00	-153.00	-234.00	298.00	82.06	82.06	0.39
12	Uniaxial	132.00	127.92	17.55	43.50	46.80	2.50	128.00	184.00	-95.30	-170.00	259.00	90.49	90.49	0.43
13	Uniaxial	132.00	127.92	17.55	43.50	46.80	2.50	128.00	184.00	-95.30	-170.00	259.00	90.49	-90.49	0.43
14	Uniaxial	132.00	127.92	17.55	43.50	46.80	2.50	128.00	184.00	-95.30	-170.00	259.00	90.49	90.49	0.43
	dot R=17			23.40	419.70	420.30	0.60								

- Y is defined out of (X, Z) and knowing the profil of the window
- The angle is in radian (solid angle): between the Y axis and the position of the strain gages
  The "zero reference" is in the center of the sphere R300 cm that defines the concave side of the window