Summary of the FEA results

P=0.04MPa

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	5.76	146.70	146.63	0.15	885.00	475.3	-407.6	-408.60	476.30	8.49	8.49	0.04
2	Uniaxial	10.00	10.00	4.90	149.10	149.16	0.12	897.00	480.5	-413.5	-414.00	481.00	7.07	-7.07	0.03
3	Rosette	31.00	30.95	11.47	116.10	117.43	0.34	701.00	368.6	-317.2	-323.70	382.30	21.89	21.89	0.10
4	Uniaxial	44.00	43.85	13.06	92.60	93.50	0.49	552.00	283	-224.9	-254.80	293.90	31.02	31.02	0.14
5	Uniaxial	44.00	43.85	13.06	92.60	93.50	0.49	552.00	283	-224.9	-254.80	293.90	31.02	-31.02	0.14
6	Uniaxial	44.00	43.85	13.06	92.60	93.50	0.49	552.00	283	-224.9	-254.80	293.90	31.02	31.02	0.14
7	Rosette	74.00	73.28	12.50	52.91	54.33	0.82	311.00	146.6	-125.8	-143.30	164.20	51.83	51.83	0.24
8	Uniaxial	87.00	85.82	11.80	43.40	44.93	0.95	252.00	113	-27.15	-116.10	132.00	60.71	60.71	0.29
9	Uniaxial	87.00	85.82	11.80	43.40	44.93	0.95	252.00	113	-27.15	-116.10	132.00	60.71	-60.71	0.29
10	Uniaxial	87.00	85.82	11.80	43.40	44.93	0.95	252.00	113	-27.15	-116.10	132.00	60.71	60.71	0.29
11	Rosette	119.00	116.00	9.55	26.00	27.66	1.23	169.00	74	-52.6	-77.80	99.00	82.06	82.06	0.39
12	Uniaxial	132.00	127.92	5.85	14.50	15.62	0.86	128.00	61.2	-31.8	-56.00	86.20	90.49	90.49	0.43
13	Uniaxial	132.00	127.92	5.85	14.50	15.62	0.86	128.00	61.2	-31.8	-56.00	86.20	90.49	-90.49	0.43
14	Uniaxial	132.00	127.92	5.85	14.50	15.62	0.86	128.00	61.2	-31.8	-56.00	86.20	90.49	90.49	0.43
	dot R=17			7.80	139.89	140.12	0.20								

- 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

CD- 06/07/01