



Pressure Ratings of PlatinumStripe® 1800 PE-RT PIPE^(1,2)

Temperature		MRS/LCL ⁽³⁾		SDR									
				32.5	26	21	19	17	15.5	13.5	11	9	7
°C	°F	MPa	psi	Pressure Rating, psig									
10	50	7.95	1153	73	92	115	128	144	159	184	231	288	384
16	60	7.45	1081	69	86	108	120	135	149	173	216	270	360
23	73	6.90	1000	63	80	100	111	125	138	160	200	250	333
27	80	6.62	959	61	77	96	107	120	132	153	192	240	320
32	90	6.22	902	57	72	90	100	113	124	144	180	225	301
38	100	5.79	839	53	67	84	93	105	116	134	168	210	280
43	110	5.44	789	50	63	79	88	99	109	126	158	197	263
49	120	5.04	731	46	58	73	81	91	101	117	146	183	244
54	130	4.72	684	43	55	68	76	86	94	109	137	171	228
60	140	4.34	630	40	50	63	70	79	87	101	126	158	210
66	150	4.11	596	38	48	60	66	74	82	95	119	149	199
71	160	3.88	562	36	45	56	62	70	78	90	112	141	187
77	170	3.66	530	34	42	53	59	66	73	85	106	133	177
82	180	3.45	500	32	40	50	56	63	69	80	100	125	167

- (1) Data per tests conducted by Dow. Additional information available upon request.
 (2) Based on 0.63 design factor for PE4710 and PPP TR-4HDB listing of 1600 psi/23°C (73°F), 1000 psi/60°C (140°F), and 800 psi/82°C (180°F)
 (3) LTH (long term hydrostatic strength)

