

itl[®] RUBBER PRESS-ON

CONSTRUCTION

Three main factors affect press-on tire performance;

- Load and load frequency
- Number and frequency of trips (shifts)
- Length of run and travel speed

Additional conditions affecting performance include;

- Capacity and class of equipment
- Surface (yard) condition and turning area
- Type and weight of materials moved

An evaluation of the 6 factors above will determine the optimum combination of compound, profile and tread pattern for a specific application.

PHYSICAL PROPERTIES

- No combination of tread, profile or price can compensate for inadequate performance values
- A professional approach matching performance values and application requirements will create savings
- ITL leads the industry in the practice of publishing physical properties
- Published properties are the users guarantee of consistent quality, and the cornerstone of a progressive tire program

ASTM TEST RESULTS

	UN	EL	TFT	HPNM
MODULUS P.S.I. 300% EXTENSION ASTM D-412	1500	2000	1700	1500
ULTIMATE TENSILE P.S.I. ASTM D-412	2700	3500	3200	3100
ULTIMATE (MIN) ELONGATION % ASTM D-412	450	500	500	550
DUROMETER SHORE A ASTM D-2240	65	65	65	67
RESILIENCE % ASTM D-2632	42	50	30	46
TEAR STRENGTH P.L.I. ASTM D-624	300	375	450	375
90 BOND PULL Q.C. DESTRUCTION TEST	200	200	200	200

TRACTION



SMOOTH



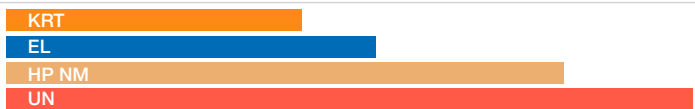
itl[®] RUBBER PRESS-ON

ENDURANCE and SAFETY

ENDURANCE and TIME



HEAT BUILDUP

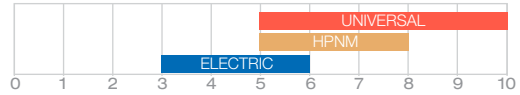


TEAR STRENGTH

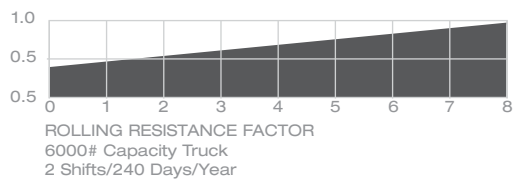


ENERGY and EFFICIENCY

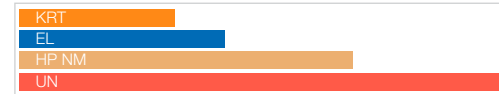
INDUSTRY RANGE ROLLING RESISTANCE



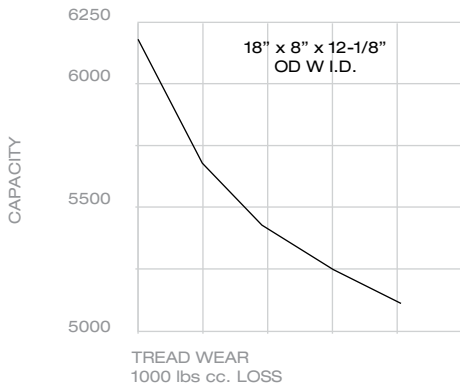
ROLLING RESISTANCE vs. ENERGY COSTS



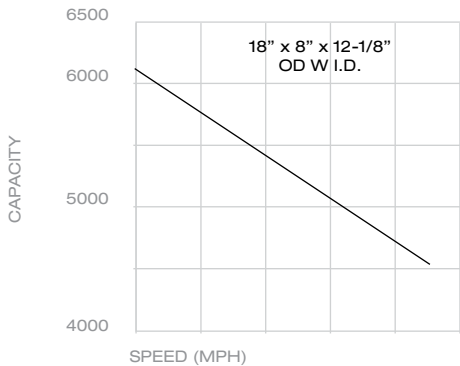
ITL ROLLING RESISTANCE



WEAR vs. LOAD CAP.



SPEED vs. LOAD CAP.



TRACTION



SMOOTH








SPECS				SPECS				SPECS			
SIZE	T.D.	CAP.	Wt.	SIZE	T.D.	CAP.	Wt.	SIZE	T.D.	CAP.	Wt.
8 1/2 x 4 x 4*	S	1430	11	15 x 8 x 11 1/4*	S	4890	45	20 x 5 x 16*	S T G	3570	38
9 x 5 x 5*	S	1960	13	15 x 9 x 11 1/4*	S	5560	49	20 x 6 x 16*	S T G	4440	47
10 x 4 x 5*	S	1605	13	15 1/2 x 5 x 10*	S T	3010	30	20 x 7 x 15*	S	5300	56
10 x 3 1/2 x 6*	S	1305	11	15 1/2 x 6 x 10*	S T	3820	37	20 x 8 x 16*	S T	6170	63
10 x 3 x 6 1/4*	S	1100	9	16 x 4 1/2 x 10 1/2*	T	2670	27	20 x 9 x 16*	T	7030	71
10 x 4 x 6 1/4*	S	1600	12	16 x 5 x 10 1/2	S T	3090	32	21 x 6 x 15*	S T	4820	57
10 x 5 x 6 1/4*	S	2100	16	16 x 6 x 10 1/2	S T	3920	39	21 x 7 x 15	S T	5870	67
10 x 6 x 6 1/4*	S	2600	19	16 x 7 x 10 1/2	S T	4750	46	21 x 8 x 15	S T	6930	77
10 x 7 x 6 1/4*	S	3100	22	16 x 4 1/2 x 12	S	2650	26	21 x 9 x 15*	S T	7980	87
10 x 4 x 6 1/2	S	1585	13	16 x 4 x 12 1/8*	S	2280	23	21 x 12 x 15	S T	11103	118
10 x 4 3/4 x 6 1/2	S	1950	15	16 x 4 1/2 x 12 1/8*	S	2640	26	22 x 5 x 16*	T	3900	49
10 x 5 x 6 1/2	S	2070	16	16 1/4 x 4 x 11 1/4*	T	2310	25	22 x 6 x 16*	S T	4990	59
10 1/2 x 5 x 5	S T	2250	15	16 1/4 x 5 x 11 1/4	S T	3120	32	22 x 7 x 16*	S T	6080	69
10 1/2 x 6 x 5	S T	2860	22	16 1/4 x 6 x 11 1/4	S T	3930	39	22 x 8 x 16	S T	7170	82
10 1/2 x 5 x 6 1/2*	S T	2200	17	16 1/4 x 7 x 11 1/4	S T	4740	44	22 x 9 x 16	S T	8260	90
10 1/2 x 6 x 6 1/2*	S T	2730	20	16 1/4 x 4 x 11 1/2	T	2320	25	22 x 10 x 16	S T G	9350	102
10 1/2 x 7 x 6 1/2*	S	3270	23	17 x 4 1/2 x 12 1/8*	T	2810	29	22 x 11 x 16	S	10440	116
12 x 3 1/2 x 8*	S	1550	15	17 x 5 x 12 1/8*	S T	3220	26	22 x 12 x 16	S T G	11530	129
12 x 4 x 8*	S	1840	16	17 x 6 x 12 1/8*	S T	4050	40	22 x 14 x 16	S T	13710	138
12 x 4 1/2 x 8*	S	2140	18	17 x 7 x 12 1/8*	S	4880	52	22 x 16 x 16	S	15890	168
12 x 5 1/2 x 8*	S	2730	23	17 3/4 x 5 x 12 1/8*	T	3330	37	22 x 6 x 17 3/4*	S	4820	53
12 6 1/2 x 8*	S	3320	28	17 3/4 x 6 x 12 1/8*	T	4240	45	22 x 7 x 17 3/4	S	5770	63
13 x 3 1/2 x 8*	S T	1610	16	18 x 5 x 12 1/8	S T	3360	34	22 x 8 x 17 3/4	S	6725	80
13 x 4 1/2 x 8*	S T	2350	21	18 x 6 x 12 1/8	S T	4290	46	22 x 10 x 17 3/4	S	8630	91
13 x 3 1/2 x 8 1/4	S	1620	11	18 x 7 x 12 1/8	S T	5220	48	22 x 14 x 17 3/4	T	12440	129
13 x 5 x 10	S	2440	19	18 x 8 x 12 1/8	S T	6150	63	26 x 7 x 20	T	6890	87
13 1/2 x 4 1/2 x 8	S T	2350	22	18 x 9 x 12 1/8*	S T	7080	70	28 x 10 x 22	S G	11200	140
13 1/2 x 5 1/2 x 8	S T	3080	28	18 x 5 x 14*	S	3300	34	28 x 12 x 22	S G	13820	175
13 1/2 x 6 1/2 x 8*	S	3810	33	18 x 6 x 14	S	4100	48	28 x 14 x 22	S G	16430	210
14 x 4 1/2 x 8	S T	2390	23	18 x 7 x 14*	S	4890	49	28 x 16 x 22	S G	19040	245
14 x 5 x 10	S	2730	25	18 x 8 x 14*	S	5680	56	36 x 10 x 30	G	13530	197
15 x 3 1/2 x 11 1/4	S	1830	20	18 x 9 x 14	G	6480	69	36 x 12 x 30	G	16680	242
15 x 5 x 11 1/4	S T	2850	27	20 x 8 x 15*	S	6480	63	36 x 16 x 30	G	22990	300
15 x 6 x 11 1/4*	S T	3530	32	20 x 5 x 16	S	7430	38				
15 x 7 x 11 1/4*	S	4210	39	20 x 6 x 16	S T	3770	47				

* Offered in MITL brands only

COMPOUNDS

LEGEND

S - Smooth
G - Grooved
T - Traction