



Intertek Testing Services

ETL SEMKO

Client: Kenco Works
 Project No.: 3034315
 Product: Gripper Safety Tread
 Test Method: Coefficient of Friction
 Equipment: Artech 500 lbs load cell, ITS ID# 9-0489
 Test Data:

Test Date(s): November 22-23, 2002
 Eng/Tech: Kazimir L. Falconbridge

Normal Force:		49.7 lbs		Recorded Data:		Calculations:	
Tread Type	Sample No.	Test ID	Sample Direction	Static Friction Force		Static Coefficient of Friction	
				(lbs)		Wet	Dry
				Wet	Dry		
K175W1	1	a	machine	50.1	57.3	1.01	1.15
K175W1	1	b	machine	49.5	55.7	1.00	1.12
K175W1	1	c	machine	51.2	56.5	1.03	1.14
				Average:		1.01	1.14
				StdDev:		0.02	0.02
				COV:		1.7%	1.4%
K175W1	2	a	cross-machine	52.9	63.1	1.06	1.27
K175W1	2	b	cross-machine	53.0	56.0	1.07	1.13
K175W1	2	c	cross-machine	53.5	57.9	1.08	1.16
				Average:		1.07	1.19
				StdDev:		0.01	0.07
				COV:		0.6%	6.2%
K3W5A	3	a	machine	54.1	57.3	1.09	1.15
K3W5A	3	b	machine	51.9	60.9	1.04	1.23
K3W5A	3	c	machine	53.8	59.9	1.08	1.21
				Average:		1.07	1.19
				StdDev:		0.02	0.04
				COV:		2.2%	3.1%
K3W5A	4	a	cross-machine	52.4	58.6	1.05	1.18
K3W5A	4	b	cross-machine	51.7	60.3	1.04	1.21
K3W5A	4	c	cross-machine	53.1	59.6	1.07	1.20
				Average:		1.05	1.20
				StdDev:		0.01	0.02
				COV:		1.3%	1.3%

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 Warnock Hersey

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Tested by:

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