

NFSI B101.3 Cross Reference Chart

NFSI B101.3	DIN 51131		DIN 51130	British Pendulum				
DCOF TRACTION RANGES	Kinetic Friction	SLIP ANGLE	SLIPPAGE RISK*	DIN 51130	PTV (BPN) VALUE	SLIP POTENTIAL CLASSIFICATION**		
LOW-TRACTION 0.0-0.29	0.0175	1°	VERY HIGH	N/A	0-24	HIGH SLIP POTENTIAL		
	0.0349	2°						
	0.0524	3°						
	0.0699	4°	HIGH	R9				
	0.0875	5°						
	0.1051	6°						
	0.1228	7°						
	0.1405	8°	HIGH / RELATIVELY HIGH	R10			24-35	MODERATE SLIP POTENTIAL
	0.1584	9°						
	0.1763	10°						
0.1944	11°							
0.2126	12°							
0.2309	13°							
0.2493	14°	RELATIVELY LOW AND LOW	R11	36+	LOW SLIP POTENTIAL			
0.2679	15°							
0.2867	16°							
0.3057	17°							
0.3249	18°							
0.3443	19°							
0.3640	20°							
0.3839	21°							
0.4040	22°							
0.4245	23°					LOW	R12	
0.4452	24°							
0.4663	25°							
0.4877	26°							
0.5095	27°	VERY LOW	R13					
0.5317	28°							
0.5543	29°							
0.5774	30°							
0.6009	31°							
0.6249	32°							
0.6494	33°	VERY LOW	R13					
0.6745	34°							
0.7002	35°							
0.7265	36°							
0.7536	37°							
0.7813	38°							
0.8098	39°							
0.8391	40°							
0.8693	41°							
0.9004	42°	VERY LOW	R13					
0.9325	43°							
0.9657	44°							
1.0000	45°							

Supporting Research: Sebald J.
"System Oriented Concept For
Testing and Assessment of the Slip
Resistance of Safety, Protective and
Occupational Footwear" (2008) Pro
BUSINESS GmbH, Chapter 7, Results
of the Study, Table 29, (pg. 94)

* - 1. Skiba R, Scheil M, Windho'vel U. Comparative research of
unsteady measurements of friction coefficient on floors. Kaut Gummi
Kunstst 1994;47:513-8. Skiba R. 1986/1997/2005

** - Health and Safety Executive (HSE)
"Assessing the Slip Resistance of Flooring"
Technical Information Sheet.