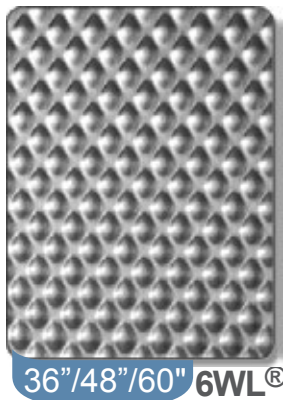
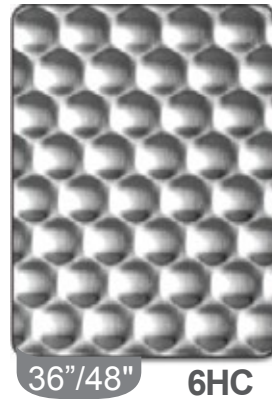


Rigid-Tex® Low-Friction Surfaces for
Material Handling, Food Processing, and
Packaging Equipment





Rigid-Tex® textured metals minimize surface contact area compared with flat metals. This process greatly reduces friction, static cling and helps end machine jam-ups and downtime. Raw or packaged materials move faster and easier through conveyors, packaging machinery, food processing equipment, and any other material handling applications. Available in stainless steel and other metals with a choice of embossed metal patterns and finishes to fit your needs.



Specifications:

Pattern	Max. Width	Stainless Steel Thickness	Other Metal Thicknesses
2WL®	48"	0.018"-0.036"	0.008"-0.032"
5WL®	60"	0.018"-0.075"	0.008"-0.075"
6WL®	60"	0.018"-0.120"	0.008"-0.125"
6HC	48"	0.024"-0.105" / 0.120" max 36" wide	0.024"-0.125"
7DL	48"	0.036"/0.060"/.075"	N/A

Standard lengths: 96",120",144"; Standard Widths: 36",48",60" Custom sizes available.

Friction Comparison of Rigidized® to Flat Steel for Chute Applications	Flat Sheet		Rigidized® Sheet (6WL®)		Percent Improvement
	Incline Angle	C _f	Incline Angle	C _f	
Static C _f -Dry	19.8°	0.36	17.5°	0.32	12%
Static C _f -Wet	34.0°	0.67	27.0°	0.51	24%
Dynamic C _f -Dry	14.0°	0.25	12.0°	0.21	15%

C_f is the coefficient of friction. This is a measure of the relative "Stickiness" of two objects that come in contact. In this experiment, the objects were a loaded cardboard box and a sheet of chute material. For the coefficient of friction (C_f), lower numbers are better. Results will be similar for all patterns of Rigidized® Metals. The Dynamic C_f is determined as the maximum angle upon which a loaded, moving cardboard box is at a condition of impending stop.



Rigidized® Metals Corporation | 658 Ohio Street | Buffalo, New York 14203 | USA
TOLL FREE 800.836.2580 | P 716.849.4760 | FAX 716.849.0401 | www.rigidized.com

Rigidized®, Rigid-tex®, 2WL®, 5WL®, and 6WL® are registered trademarks.
©2014 by Rigidized® Metals 8/14

Please phone customer service for specific finish, pattern specifications, non-standard sizes, technical information, and free samples.