

Rulon Material Selection Guide

Rulon Grades	Grade	LR	J	641
	Color	Maroon	Gold	White
Performance	Max Load "P" (psi) MPa	1,000 6.9	750 5.2	1,000 6.9
	Max Speed "V" (fpm) m/s	400 2.0	400 2.0	400 2.0
	Max "PV" (psi-fpm) / (Mpa . m/s)	10,000 0.35	7,500 0.26	10,000 0.35
Mating Surface Steel & Stainless Steel	Rb 25 & higher		X	X
	Rc 35 & higher	X		
	Rc 50 & higher			
	Painted Metal and Porcelain			
	Aluminum		X	
Environment	FDA Compliant			X
	Steam	X		X
	Wet	X		X
	Dry	X	X	X
	Vacuum	X	X	X
Relative Rating 1=Low, 5=High	Coefficient of friction	4	1	1
	Creep resistance	4	3	4
	Insulative prop.	Yes	Yes	Yes

Rulon LR

Maroon material with low deformation characteristics

Rulon J

Dull gold polymer-filled material for lower abrasion and softer mating surfaces

Rulon 641

White FDA compliant material for most mating surfaces