




Freudenberg Xpress® Materials

Short Term	Remark	Physical Property	Dimensions	Certification Report													
		Color	Temperature range [°C]	Hardness DIN ISO 7619-1 Shore A and Shore D	Diameters in mm available on stock (larger diameters on request)	Conform to FDA	EU Reg. 1935/2004	EU Reg. 10/2011	3-A Sanitary Standard	ADI free	USP Chapter 87	USP Chapter 88	KTW	W270	NSF 61	NSF 51	WRAS
Polyurethane																	
94 AU 925	Original Freudenberg material		-30 to +110	A 94 ±3	to 1,000												
94 AU 30000	Original Freudenberg material		-35 to +120	A 94 ±3	to 380												
95 AU V142	Original Freudenberg material		-30 to +110	A 95 ±3	to 175												
92 AU 21100	Original Freudenberg material, low temperature		-50 to +110	A 92 ±3	to 175												
94 AU 21730	Original Freudenberg material - FDA, hydrolysis resistance		-25 to +110	A 94 ±3	to 250	x	x	x	x	x							
98 AU 928	Original Freudenberg material		-30 to +110	A 97 ±3	to 250												
93 AU V167	Original Freudenberg material - FDA, hydrolysis resistance		-20 to +110	A 93 ±3	to 600	x		x	x	x							
Elastomers																	
72 NBR 902	Original Freudenberg material		-40 to +100	A 75 ±5	to 250					x							
70 FKM 576	Original Freudenberg material		-15 to +200	A 70 ±5	to 250					x							
75 FKM 585	Original Freudenberg material		-30 to +200	A 75 ±5	to 250					x							
70 EPDM 291	Original Freudenberg material, FDA		-40 bis +150	A 75 ±5	to 250	x	x		x	x	x	x			x	x	
85 EPDM 292	Original Freudenberg material, FDA		-40 bis +150	A 85 ±5	to 250	x	x		x	x	x	x					x
75 Fluoroprene XP 41	Original Freudenberg material, FDA		-15 bis +200	A 75 ±5	to 250	x	x		x	x	x	x				x	
85 Fluoroprene XP 43	Original Freudenberg material, FDA		-15 bis +200	A 85 ±5	to 250	x	x		x	x	x	x					
85 NBR 33994FXP	Standard Freudenberg Xpress material		-25 to +110	A 85 ±5	to 600					x							
85 FKM 33991FXP	Standard Freudenberg Xpress material		-20 to +200	A 82 ±5	to 400												
85 EPDM 33992FXP	Standard Freudenberg Xpress material		-45 to +130	A 85 ±5	>250 to 400					x							
85 HNBR 33993FXP	Standard Freudenberg Xpress material		-20 to +140	A 85 ±5	to 250					x							
Polytetrafluoroethylene (PTFE)																	
PTFE B602	Original Freudenberg material		-200 to +260	D 60 ±3	to 500					x							
PTFE C104	Original Freudenberg material		-200 to +260	D 60 ±3	to 500					x							
W FLON	Standard Freudenberg Xpress material, Virgin / FDA		-200 to +260	D 54 ±3	to 1,000	x		x		x							
G FLON	Standard Freudenberg Xpress material, 15% Glass		-200 to +260	D 58 ±3	to 500												
B FLON	Standard Freudenberg Xpress material, 40% Bronze		-200 to +260	D 61 ±3	to 1,000												
C FLON	Standard Freudenberg Xpress material, 25% Carbon		-200 to +260	D 67 ±3	to 500					x							
EF FLON	Standard Freudenberg Xpress material, 10% Econol / FDA		-200 to +260	D 57 ±3	to 250	x	x										
Specific Materials																	
HG 517	Original Freudenberg material - Laminated Fabric		-30 to +120		to 400												
POM	Standard Freudenberg Xpress material		-45 to +100	D 85 ±3	to 280	x											
PA	Standard Freudenberg Xpress material		-40 to +110	D 85 ±3	>280 to 600												