


Freudenberg Xpress® special materials*

Material	Remark	Physical Property			
		Color	Temperature range (°C)	Hardness DIN 53505 Shore A and Shore D at 23 °C	Conform to FDA
Polyurethane					
85 AU 20979	Special material	Light Green	-30 to +95	A 85 ±5	
95 SL-AU	Special material	Black	-20 to +110	A 96 ±5	
55D AU	Special material	Yellow	-20 to +115	D 55 ±3	
57D AU	Special material	Yellow	-30 to +110	D 57 ±3	
72D AU	Special material	Black	-20 to +110	D 70 ±3	
Elastomers					
82 HNBR	Special material	Light Green	-20 to +110	A 82 ±5	x
80 FKM	Special material	Brown	-20 to +220	A 80 ±5	x
81 EPDM	Special material	Black	-40 to +130	A 81 ±5	x
70 EPDM 331	Original Freudenberg material, FDA / KTW	Black	-40 bis +150	A 75 ±5	x
85 EPDM 332	Original Freudenberg material, FDA / KTW	Black	-40 bis +150	A 85 ±5	x
90 NBR	Special material	Black	-30 to +110	A 90 ±5	
70 NBR 438	Original Freudenberg material, FDA	Black	-20 bis +100	A 70 ±5	x
85 NBR 436	Original Freudenberg material, FDA	Black	-25 bis +100	A 88 ±5	x
95 HNBR	Special material	Black	-20 to +150	A 95 ±5	
85 FKM	Special material	Black	-20 to +210	A 85 ±5	
80 NBR	Special material	Black	-50 to +110	A 80 ±5	
73 NBR	Special material	Black	-30 to +90	A 75 ±5	
Polytetrafluoroethylene (PTFE)					
PTFE D05	Special material	Light Blue	-200 to +260	D 57 ±3	
PTFE GF-Flon	Special material 25% Glass	White	-200 to +260	D 60 ±3	x
PTFE B60-Flon	Special material 60% Bronze	Brown	-200 to +260	D 62 ±3	
PTFE GR-Flon	Special material 15% Graphit	Black	-200 to +260	D 60 ±3	
Special compounds					
PEEK	Special material	Light Green	-50 to +250	D 86 ±3	

UHMW-PE

Special material

-200 to +80

D 61 ±3

*not on stock - delivery times on request