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 ■ Fair
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Physical Properties	Carboxylated Nitrile	Corona Treater	EPDM	EPDM Silicone	High Speed Web Offset
Hardness Range Shore A	40-95	70	30-40	40-90	20-40
Hardness Range P&J	20-170	60	60-200	15-140	N/A
Abrasion Resistance	■	■	■	■	■
Tear Resistance	■	■	■	■	■
Load Bearing	■	■	■	■	■
Hysteresis	■	■	■	■	■
Resistance to Denting	■	■	■	■	■
Maximum Service Temperature (°C/°F)	135°C / 275°F	149°C / 300°F	177°C / 350°F	194°C / 400°F	121°C / 250°F
Ozone Resistance	■	■	■	■	■
Resiliency	■	■	■	■	■
Solvent Resistance					
Acids	■	■	■	■	■
Caustics	■	■	■	■	■
Aliphatic Hydrocarbons	■	■	■	■	■
Aromatic Hydrocarbons	■	■	■	■	■
Chlorinated Hydrocarbons	■	■	■	■	■
Water	■	■	■	■	■
Ketones	■	■	■	■	■
Alcohol	■	■	■	■	■
Esters	■	■	■	■	■
Recommended Applications					
Coatings			■		■
Embossing				■	
Flexography		■			
Laminating				■	
Laser Engraving					
Metal Decorations	■		■		
Offset Printing					■
Paper Industry					
Plastics				■	
Plate Processors			■		
Steel Mill Rollers					
Textile Rollers					
Wood Industry			■	■	



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Physical Properties	Hydrogen Nitrile	Hypalon	Millable Urethane Ester	Millable Urethane Ether	Natural Rubber
Hardness Range Shore A	45-98	30-95	40-95	40-95	25-99
Hardness Range P&J	15-185	40-250	40-200	40-250	5-250
Abrasion Resistance	■	■	■	■	■
Tear Resistance	■	■	■	■	■
Load Bearing	■	■	■	■	■
Hysteresis	■	■	■	■	■
Resistance to Denting	■	■	■	■	■
Maximum Service Temperature (°C/°F)	177°C / 350°F	149°C / 300°F	100°C / 212°F	100°C / 212°F	100°C / 212°F
Ozone Resistance	■	■	■	■	■
Resiliency	■	■	■	■	■
Solvent Resistance					
Acids	■	■	■	■	■
Caustics	■	■	■	■	■
Aliphatic Hydrocarbons	■	■	■	■	■
Aromatic Hydrocarbons	■	■	■	■	■
Chlorinated Hydrocarbons	■	■	■	■	■
Water	■	■	■	■	■
Ketones	■	■	■	■	■
Alcohol	■	■	■	■	■
Esters	■	■	■	■	■
Recommended Applications					
Coatings		■	■	■	
Embossing	■	■			
Flexography					■
Laminating					
Laser Engraving					■
Metal Decorations		■			■
Offset Printing					
Paper Industry		■		■	■
Plastics	■	■			
Plate Processors					
Steel Mill Rollers	■			■	
Textile Rollers					
Wood Industry		■		■	



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Physical Properties	Neoprene	Nitrile	Nitrile PVC	Silicone	Viton
Hardness Range Shore A	30-90	29-95	60-90	40-90	55-85
Hardness Range P&J	30-300	10-200	25-95	25-185	45-115
Abrasion Resistance	■	■	■	■	■
Tear Resistance	■	■	■	■	■
Load Bearing	■	■	■	■	■
Hysteresis	■	■	■	■	■
Resistance to Denting	■	■	■	■	■
Maximum Service Temperature (°C/°F)	121°C / 250°F	121°C / 250°F	121°C / 250°F	260°C / 500°F	260°C / 500°F
Ozone Resistance	■	■	■	■	■
Resiliency	■	■		■	■
Solvent Resistance					
Acids	■	■	■	■	■
Caustics	■	■	■	■	■
Aliphatic Hydrocarbons	■	■	■	■	■
Aromatic Hydrocarbons	■	■	■	■	■
Chlorinated Hydrocarbons	■	■	■	■	■
Water	■	■	■	■	■
Ketones	■	■	■	■	■
Alcohol	■	■	■	■	■
Esters	■	■	■	■	■
Recommended Applications					
Coatings	■	■		■	
Embossing					
Flexography			■		
Laminating				■	■
Laser Engraving					
Metal Decorations		■			
Offset Printing			■		
Paper Industry	■			■	
Plastics			■		
Plate Processors					
Steel Mill Rollers	■		■		■
Textile Rollers					
Wood Industry	■	■		■	