

StockCap Material Properties

Vinyl												Standard Colors										
Formula Number	Hardness	Gloss	Texture	Special Characteristics	Hardness (Shore A)	Tensile (PSI)	Elongation (%)	Tear Strength (PPI)	Temp Range		Electrical Properties	Black	Red	Blue	Yellow	Green	Orange	Gray	White	Natural	Clear	
									Low °F (°C)	High °F (°C)												
325	S	L	C	textured for good grip properties	65	850	310	110	-25 (-32)	250 (121)	fair	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
509	M	M	S	anti-static	75	1950	410	250	-20 (-29)	250 (121)	anti-static	<input checked="" type="checkbox"/>										
512	M	H	S	transparent, yellow tint	75	1650	410	200	-22 (-30)	250 (121)	good										<input checked="" type="checkbox"/>	
524	SR	H	S	transparent, blue-green tint	85	2250	420	360	-22 (-30)	250 (121)	good										<input checked="" type="checkbox"/>	
601	SR	M	S	high temperature resistant, intermittent use to 500F	86	2100	330	260	0 (-18)	450 (232)	good	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>							
604	M	H	S	high temperature resistant	75	2000	370	235	-22 (-30)	350 (176)	good			<input checked="" type="checkbox"/>								
607	M	M	M	good weather resistance	80	2300	350	325	-15 (-26)	250 (121)	good	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>				
701	M	M	S	standard formula	75	2000	350	280	-22 (-30)	250 (121)	good	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
709	S	M	S	basic soft formula	65	1485	450	164	-50 (-46)	250 (121)	fair	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
714	M	H	S	dilatable, non-staining on copper	75	1800	440	230	-22 (-30)	250 (121)	good	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
722	R	L	M	hardest formula available	60 (Shore D)	2970	100	605	45 (7)	250 (121)	good	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>							
727	M	L	M	slight textured surface	76	1400	340	245	-22 (-30)	250 (121)	good	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
741	M	L	M	fire retardant, UL qualifiable (UL-94-V0)	80	1770	375	275	-20 (-29)	250 (121)	excellent	<input checked="" type="checkbox"/>										
746	M	L	M	slight textured surface	72	1950	400	240	-22 (-30)	250 (121)	good	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
750	SR	M	S	basic semi-rigid formula	89	2300	320	343	14 (-10)	250 (121)	good	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
Rubber																						
EPDM	S	L	-	chemical and weather resistant	40 - 70	1800	400	250	-20 (-29)	475 (246)	good	<input checked="" type="checkbox"/>										
NEOPRENE	S	L	-	good weather resistance, flame retardant	50	1450	300	-	-30 (-22)	212 (100)	fair	<input checked="" type="checkbox"/>										
SBR/NR	S	L		good physicals, non-staining on copper	50	3625	450	-	-	175 (80)	excellent	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
SILICONE	S	L	-	high and low temperature resistant	50 - 60	1300	330	100	-50 (-46)	600 (316)	good		<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
Plastic																						
LDPE	R	-	-	flexible, economical, good chemical resistance	40 (Shore D)	1450 - 1740	300 - 500	-	-	180 (82)	-		<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
HDPE	R	-	-	good physicals, economical, good chemical resistance	60 (Shore D)	2465 - 4060	10 - 600	-	-	200 (93)	-		<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
PP	R	-	-	good fatigue resistance	80 (Rockwell)	3600	8.5	-	-	212 (100)	-											<input checked="" type="checkbox"/>
TPE	M	-	-	good temperature and weather resistance	75	1010	600	-	-71 (-57)	257 (125)	-	<input checked="" type="checkbox"/>										

Hardness: Soft (0-70), Medium (71-80), Semi-Rigid (81-90), Rigid (>90)

Gloss: Low, Medium, High

Texture: Smooth, Medium, Coarse