

Lynx Products Corp

DIRECT DIAL PULLEY ASSISTANCE

PHONE: 941-727-9676

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Vulcanized Rubber Characteristics

RATINGS: 1 - Excellent 2 – Very Good 3 – Average 4 – Fair 5 – Not Recommended

	Durometer	Anti-Stick Release	Abrasion Resistance	COF (grip)	Cut	Heat Buildup	Max. Temp	Min. Temp	Non-Marking	Tear	Tensile
SBR	60 Black	5	3	2	3	4	220	-60	No	3	3
Water Resistant	90 Black	4	2	3	2	2	275	-65	No	2	2
Neoprene* (FG)	60 White	5	3	2	3	2	250	-65	Yes	3	3
	60 Black	5	3	2	3				No	3	3
	80 Black	4.5	2.5	2.5	2.5				No	2.5	2.5
EPDM (FG)	60 White	5	3	2	3.5	3	325	-50	Yes	3.5	3.5
	70 Black	5	2.5	2.5	2.5				No	3	3.0
Carboxylated Nitrile (FG)	60 White	5	2	2	2	4	275	-50	Yes	2	2
	70 Black	4.5	2	2.5	2				No	2	2
Natural Rubber (FG)	40 Tan	5	2.5	1	2.5	1	212	-50	Yes	2.5	2.5
	70 Black	5	2	1.5	2				No	2	2
Cast Urethane (Ether) (FG) Any Color	30-55	3.5	2	1.5	2	2	212	-50	Yes	2	2
	60-95	3	1	2.5	1.5					1.5	1.5
	55-75 ShoreD	2.5	1	3.5	1					1	1
Cast Urethane (Ester) (FG) Any Color	30-55	3.5	2	1.5	2	2	212	-50	Yes	2	2
	60-95	3	1	2.5	1.5					1.5	1.5
	55-75 ShoreD	2.5	1	3.5	1					1	1
Millable Urethane (Ether) (FG)	70 Black	4	1.5	2	1.5	2	212	-25	No	1.5	1.5
	80 Red	3.5	1.5	2.5	1.5				No	1.5	1.5
	90 Org.	3	1	2.5	1.5				No	1.5	1.5
	65 White	4	1.5	2	2				Yes	2	2
Nitrile	80 White	4.5	3	2.5	3	4	300	-50	Yes	3	3
Hypalon	60 Black	5	3	2	3	2	300	-50	No	3	3
	90 White	4	2	3	2				Yes	2	2
Silicone (FG)	40-80	2	5	4	5	2	500	-100	Yes	5	5
Teflon (FG)	n/a	1	5	5	5	1	650	-100	Yes	5	5
Ceramic**	60	4	1	2	3	4	200	-50	Yes*	2	2
Ceramic*** (FG) Rockwell C Hardness	Rc 72	1	1	5	1	1	1000	n/a	Yes	1	1
UHMW (FG)	63 Shore D	2	1	5	1	5	165	n/a	Yes	1	1
PVC/Plastisol (FLEXIBLE)	70,90	3	4	4	5	5	175	0	Yes	5	5

* = MSHA Accepted Material available upon request

** = Cold Vulcanized/Ceramic Tiles Embedded

*** = Ceramic (plasma sprayed, smooth)

(FG) = Food Grade Material available upon request

Note: As Durometer varies within a family of compounds, the properties may vary.
Please consult a Lynx Products Corp Customer Service representative for assistance.

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Vulcanized Rubber Characteristics (continued)

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	Petroleum Products	Animal Fats & Oils	Vegetable Fats & Oils	Acids	Alcohols	Alkalis (Cleaning Agents)	Fertilizer	Chloro-Solvents
SBR	4	3	3	3	1	3	4	5
Water Resistant	1	1	1	3	1	1	2	5
Neoprene* (FG)	2	2	2	3	2	2	2	5
EPDM (FG)	5	5	5	1	1	1	1	5
Carboxylated Nitrile (FG)	1	1	1	4	1	3	3	5
Natural Rubber (FG)	5	5	5	4	1	3	3	5
Cast Urethane (Ether) (FG)	1	1	1	5	2	5	5	4
Cast Urethane (Ester) (FG)	1	1	1	5	2	5	5	4
Millable Urethane (Ether) (FG)	1	1	1	5	2	5	5	4
Nitrile (FG)	1	2	2	4	2	3	3	5
Hypalon	4	2	2	1	2	1	2	5
Silicone (FG)	4	2	2	3	2	2	2	3
Teflon (FG)	1	1	1	1	1	1	1	1
Ceramic**	1	1	1	1	1	1	1	1
Ceramic*** (FG) (chemicals below 400 F)	1	1	1	1	1	1	1	1
UHMW (FG)	1	1	1	1	1	1	1	3
PVC/Plastisol	1	1	1	1	1	1	1	3

	Flame	Temp/Heat	Outdoor Environment Sunlight/Ozone/Oxidation	Water
SBR	5	4	5	3
Water Resistant	5	4	1	1
Neoprene* (FG)	1	3	3	2
EPDM (FG)	5	2	1	1
Carboxylated Nitrile (FG)	5	3	5	2
Natural Rubber (FG)	5	4	5	1
Cast Urethane (Ether) (FG)	5	4	1	1
Cast Urethane (Ester) (FG)	5	4	1	4
Millable Urethane (Ether) (FG)	5	4	1	1
Nitrile (FG)	5	3	5	2
Hypalon	5	2	1	2
Silicone (FG)	1	1	1	1
Teflon (FG)	1	1	1	1
Ceramic**	1	1	3	2
Ceramic*** (FG)	1	1	1	1
UHMW (FG)	5	5	1	1
PVC/Plastisol	5	5	1	1

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