

RUBBER SELECTION GUIDE

CHARACTERISTIC	BEST	GOOD	MARGINAL	POOR	VARIES
Abrasion Resistance	AU/EU, BR	NBR, SBR, CR, CSM , CM, NR, IR, FKM, EPDM	IIR, ACM, ECO	VMQ, FVMQ	~
Acid Resistance	EPDM, CR, FVMQ, CSM , CM	FKM, IIR, NR, IR , NBR, ECO	SBR, VMQ, AU/EU, BR	ACM	~
Alkaline Resistance	EPDM, FVMQ, CM	IIR, CSM, NR, IR , NBR, CR	FKM, SBR, ECO, BR	ACM, VMQ	AU/EU
Compression Set	NR, IR	NBR, FKM, SBR, VMQ , CM, ECO, BR	FVMQ	CR, IIR, ACM, AU/EU , CSM	EPDM
Fuel Resistance, Aliphatic Hydrocarbon	FKM, FVMQ, ACM	NBR, ECO, AU/EU	CSM, CM	CR, VMQ, EPDM, SBR , IIR, NR, IR, BR	~
Resistance to Gas Permeability	ECO	FKM, CSM, CM, AU/EU , IIRBR	EPDM, CR, NR, IR	FVMQ, SBR, VMQ, ACM	~
Heat Resistance, Aging @ 212°F	FKM, VMQ, FVMQ, ACM	EPDM, CR, IIR, CSM , ECO, NBR, SBR, CM	NR, IR, AU/EU, BR	~	~
LP Gas & Fuel Oil Resistance	NBR, FKM, FVMQ, ECO	CM, CR, ACM, CSM	AU/EU	VMQ, EPDM, SBR, IR , NR, BR	~
Ozone Resistance	FKM, IIR, VMQ, FVMQ, CSM, CM, AU/EU	EPDM, CR, ACM, ECO	NBR	SBR, NR, IR, BR	~
Resilience, Rebound	FVMQ, NR, IR	VMQ, FKM, SBR, BR , NBR, ECO	EPDM, CR, ACM, CSM	IIR, CM, AU/EU	~

Steam Resistance	EPDM	IIR	NBR, SBR, CR, VMQ , ECO, NR, IR, BR	FKM, CSM, FVMQ, ACM , CM, AU/EU	~
Tear Resistance	AU/EU	NBR, CR, NR, IR , BR, SBR, ECO, IIR	FKM, EPDM, CSM, CM	VMQ, ACM	FVMQ
Vibration Dampening	IIR	CR, ACM, NR, IR , FVMQ, CM, ECO	NBR, FKM, EPDM, SBR , VMQ, CSM, AU/EU, BR	~	~
Water Resistance	FKM, EPDM, VMQ, FVMQ, NR, IR , BR	NBR, SBR, IIR, CM , CSM, ECO	CR	AU/EU, ACM	~
Weather Resistance	FKM, EPDM, IIR, VMQ , FVMQ, ACM, CSM, CM, AU/EU	ECO	NBR, SBR, CR	BR, NR, IR	~

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CHARACTERISTIC	BEST	GOOD	MARGINAL	POOR	VARIES
Abrasion Resistance	AU/EU, BR	NBR, SBR, CR, CSM , CM, NR, IR, FKM, EPDM	IIR, ACM, ECO	VMQ, FVMQ	~
Acid Resistance	EPDM, CR, FVMQ, CSM , CM	FKM, IIR, NR, IR , NBR, ECO	SBR, VMQ, AU/EU, BR	ACM	~
Alkaline Resistance	EPDM, FVMQ, CM	IIR, CSM, NR, IR , NBR, CR	FKM, SBR, ECO, BR	ACM, VMQ	AU/EU

Compression Set	NR, IR	NBR, FKM, SBR, VMQ , CM, ECO, BR	FVMQ	CR, IIR, ACM, AU/EU , CSM	EPDM
Fuel Resistance, Aliphatic Hydrocarbon	FKM, FVMQ, ACM	NBR, ECO, AU/EU	CSM, CM	CR, VMQ, EPDM, SBR , IIR, NR, IR, BR	~
Resistance to Gas Permeability	ECO	FKM, CSM, CM, AU/EU , IIRBR	EPDM, CR, NR, IR	FVMQ, SBR, VMQ, ACM	~
Heat Resistance, Aging @ 212°F	FKM, VMQ, FVMQ, ACM	EPDM, CR, IIR, CSM , ECO, NBR, SBR, CM	NR, IR, AU/EU, BR	~	~
LP Gas & Fuel Oil Resistance	NBR, FKM, FVMQ, ECO	CM, CR, ACM, CSM	AU/EU	VMQ, EPDM, SBR, IR , NR, BR	~
Ozone Resistance	FKM, IIR, VMQ, FVMQ, CSM, CM, AU/EU	EPDM, CR, ACM, ECO	NBR	SBR, NR, IR, BR	~
Resilience, Rebound	FVMQ, NR, IR	VMQ, FKM, SBR, BR , NBR, ECO	EPDM, CR, ACM, CSM	IIR, CM, AU/EU	~
Steam Resistance	EPDM	IIR	NBR, SBR, CR, VMQ , ECO, NR, IR, BR	FKM, CSM, FVMQ, ACM , CM, AU/EU	~
Tear Resistance	AU/EU	NBR, CR, NR, IR , BR, SBR, ECO, IIR	FKM, EPDM, CSM, CM	VMQ, ACM	FVMQ
Vibration Dampening	IIR	CR, ACM, NR, IR , FVMQ, CM, ECO	NBR, FKM, EPDM, SBR , VMQ, CSM, AU/EU, BR	~	~

Water Resistance	FKM, EPDM, VMQ, FVMQ, NR, IR , BR	NBR, SBR, IIR, CM , CSM, ECO	CR	AU/EU, ACM	~
Weather Resistance	FKM, EPDM, IIR, VMQ , FVMQ, ACM, CSM, CM, AU/EU	ECO	NBR, SBR, CR	BR, NR, IR	~