BARNWELL
THE SEAL OF APPROVAL

AEROSPACE MATERIALS

AMS Rubber Specification Descriptions

Rubber Spec	Material	Hardness	Description
AMS3201	NBR	40	Weather Resistant
AMS3205	NBR	50	Low-Temperature Resistant
AMS3208	CR	50	High-Durability
AMS3209	CR	70	Low-Temperature, Weather-Resistant
AMS3212	NBR	60	High-Hardness
AMS3216	CR	50	Oil Resistant, Exceptional Weathering
AMS3220	NBR	60	Heat-Resistant
AMS3238	IIR	70	Aviation-Grade Hydraulic Butyl
AMS3301	VMQ	40	General Purpose
AMS3302	VMQ	50	General Purpose
AMS3303	VMQ	60	General Purpose
AMS3304	VMQ	70	General Purpose
AMS3305	VMQ	80	General Purpose
AMS3325	FVMQ	60	Extreme Environmental Resistance, Superior Resistance against Fuel & Oils, Wide Temperature Range.
AMS3327	FVMQ	75	Low Compression Set, Fuel Resistant, High-Thermal Range
AMS3337	PVMQ	70	Cryogenic-Grade Temperature Resistance
AMS3345	PVMQ	50	High Resistance to Weathering & Oil
AMS3357	VMQ	70	High-Recovery for Lubricant Environments
AMS3383	PTFE/FVMQ	80	Improved Tear & Extrusion Resistance
AMS7257	Simriz® FFKM	75	High Temperature
AMS7259	FKM	90	High-Integrity, Thermal and Media Resistant
AMS7267	VMQ	75	Heat-Stabilised
AMS7271	NBR	65	Low-Temperature Fluid-Inert
AMS7272	NBR	70	High Pressure, Wide Thermal Range, Excellent Resistance to Oils & Fuels

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Rubber Spec	Material	Hardness	Description
AMS7273	FVMQ	75	Excellent Resistance to Compression set, Weathering, Fuels & Oils
AMS7276	VMQ	75	High-Performance Fluorocarbon
AMS-P-25732	NBR	75	Low-Temperature Resistance
AMS-P-5315	NBR	70	Low-Temperature Fuel-Resistance
AMS-P-5510	NBR	90	Straight-Thread Fittings in Aircraft Hydraulic Systems
AMS-R-7362	NBR	70	Synthetic Lubricant Resistance
AMS-R-25988 Type 1 Class 1 AMS-R-25988B Type 1 Class 3	FVMQ	70 75	Oil and Fuel Resistant
AMS-R-83248 Type 1 Class 1 Type 1 Class 2	FKM	90	Thermally Stable, Fluid-Inert Fluorinated Elastomer
AMS-R-83285	EPDM	80	Grade 80. Low-Temperature, Ozone Resistance
AMS-P-83461	NBR	75	Improved Low-Temperature Resistance
AMS-R-83485	FKM	75	Low-Temperature Resistance
AMS7379	FKM	75	High-Modulus
AMS7255	FEPM	75	Exceptional Resistance to Phosphate Ester-Based Hydraulic Fluids, Synthetic Oils, Acids and Bases.