

Engineered Seals Division Standard Compound List

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Compound	Nominal Durometer	Color	Temperature Range (°F)*	Applicable Specification	Target Market(s)
Acrylonitrile-Butadiene (NBR)					
NA103-70	70	Black	-30 to 225		Industrial
NA150-60	60	Black	-30 to 225		Industrial
NA250-50	50	Black	-30 to 225		Industrial
NA528-80	80	Black	-30 to 225		Heavy Duty, Automotive
NB104-75	75	Black	-30 to 250		Heavy Duty, Industrial
NF273-65	65	Black	-30 to 200		Automotive Fuel Systems
NM304-75	75	Black	-65 to 225/250	MIL-P-25732	Aero/Mil
NM506-65	65	Black	-70 to 180	AMS 7271 QPL	Aero/Mil
NX507-70	70	Black	-30 to 225		Heavy Duty
Polychloroprene (CR)					
CA253-40	40	Black	-35 to 250		Industrial
CB259-70	70	Black	-35 to 250		Industrial
CM260-60	60	Black	-35 to 250	AMS 3241	Aero/Mil
Ethylene Acrylate (AEM)					
AE511-85	85	Black	-40 to 325		Automotive
AE524-75	75	Black	-40 to 325		Automotive
Ethylene Propylene (EP, EPDM)					
E0667-70	70	Black	-70 to 250		Heavy Duty, Industrial
E0962-90	90	Black	-60 to 250 (500 Steam)		O&G
EA253-50	50	Black	-65 to 225		Automotive
EA268-80	80	Black	-65 to 225		Industrial, Automotive
EB183-60	60	Black	-65 to 250		Heavy Duty, Automotive
EB184-70	70	Black	-65 to 250		Automotive
Fluorocarbon (FKM)					
V0709-90	90	Black	-15 to 400	AMS 7259 QPL	Aero/Mil, O&G
V1226-75	75	Brown	-15 to 400	AMS 7276 QPL	Aero/Mil
V1289-75	75	Black	-50 to 400	AMS 7279 QPL	Aero/Mil
VA150-65	65	Black	-15 to 400		Heavy Duty, Industrial
VA275-95	95	Black	-15 to 400	ISO 23936-2	O&G, Heavy Duty
VA298-90	90	Black	-15 to 400		O&G
VB271-75	75	Black	-15 to 400		Heavy Duty, Automotive
VG109-90	90	Black	-40 to 400	ISO 23936-2	O&G
VG265-70	70	Black	-25 to 400		Automotive, Industrial
VG286-80	80	Black	-40 to 400		O&G
VG294-75	75	Black	-40 to 400		Heavy Duty, Automotive
VM100-75	75	Black	-15 to 400	AMS 7276 QPL	Aero/Mil, Heavy Duty, Industrial
VM128-75	75	Black	-40 to 400	AMS-R-83485	Aero/Mil, Heavy Duty
VW305-75	75	Brown	-15 to 400		Heavy Duty, Automotive, Industrial
VW263-75	75	Brown	-40 to 400		Heavy Duty
Fluorosilicone (FVMQ)					
LM158-60	60	Blue	-100 to 350	MIL-DTL-25988 Type II Class 1 GR60	Aero/Mil
LM160-80	80	Blue	-90 to 350	MIL-DTL-25988 Type II Class 1 GR80	Aero/Mil
LM256-70	70	Blue	-100 to 350	MIL-DTL-25988 Type II Class 1 GR70	Aero/Mil
Hydrogenated Nitrile (HNBR)					
KA183-85	85	Black	-55 to 300/325	NORSOK M-710	O&G
KA261-60	60	Black	-35 to 300/325		O&G
KA270-70	70	Black	-35 to 300/325		O&G
KA271-70	70	Black	-35 to 300/325		O&G
KA281-80	80	Black	-35 to 300/325		O&G
KB162-80	80	Black	-25 to 300		Heavy Duty
KB163-90	90	Black	-25 to 325/350	NORSOK M-710, ISO 23936-2	O&G
KB252-75	75	Black	-25 to 300		Heavy Duty
KB255-90	90	Black	-25 to 300		Heavy Duty
KB269-75	75	Black	-25 to 300		Heavy Duty
KB282-80	80	Black	-25 to 325/350		O&G
KB285-85	85	Black	-25 to 325/350	ISO 23936-2	O&G
KB292-95	95	Black	-25 to 325/350		O&G
N1922-75	75	Black	-25 to 300		Heavy Duty
Butyl (IIR)					
B0612-70	70	Black	-75 to 250		Aero/Mil
Perfluoroelastomer (FFKM)					
FF200-75	75	Black	5 to 608		Heavy Duty, Aero/Mil
FF580-75	75	Black	5 to 572		Life Science
FF582-90	90	Black	5 to 572	ISO 23936-2	O&G
Polyacrylate (ACM)					
AA260-55	55	Black	-30 to 325		Automotive
AA521-85	85	Black	-30 to 325		Automotive
Silicone (VMQ)					
S0613-60	60	Rust	-60 to 450	AMS 3303	Aero/Mil
S1224-70	70	Rust	-65 to 450	AMS 3304, AMS 3357	Aero/Mil
SB254-75	75	Rust	-60 to 400		Heavy Duty
SM201-40	40	Rust	-65 to 400	A-A-59588 2B GR40	Aero/Mil
SM265-70	70	Black	-60 to 400	A-A-59588 Class 2B GR70	Aero/Mil
Tetrafluoroethylene-Propylene (TFE/P), Aflas®					
VP250-90	90	Black	15 to 450		O&G
VP256-70	70	Black	15 to 450		O&G

*Temperature ranges are for reference only. Engineering guidance should be sought for particular applications.

** This is not meant to be an exhaustive list of compounds that can be used by ESD, but is a list of standardly used compounds. Marketing guidance should be sought if a desired compound is not found on this list.

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