



■ GASKET CUTTERS ■ SEAL DISTRIBUTORS ■

# O-Ring Material Chart

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- Within our materials section you will find details of many types of compounds that we can supply. It is impossible to list all the possible variations that are available, so here we give you a summary of compounds that we are able to offer you.
- **FDA** = Compliant for use with Food stuffs
- **WRAS** = Approved for use with Potable water
- **Colours available:** Generally: Black, Blue, Brown, Gray, Green, Red, White & Yellow but others possible on request.
- **Peroxide Cure:** Normally the compounds are not peroxide cured but those shown are available as p.c. on request.
- **Low Temperature:** We have shown a guide to the working low temperature of our standard compounds. Where indicated a specially formulated compound is available to work at lower temperatures.

Material	Shore Hardness	FDA	Peroxide Cured	Standard Low Temp (Guide Only)	Special Low Temp	Talc Finish	Silicone or Moly Oil Finish	WRAS	Different Colours
Nitrile	40 - 90	✓	✓	-40	✓	✓	✓	✓	✓
Silicone	30 - 90	✓	✗	-50	✗	✗	Moly Only	✓	✓
Viton	60 - 90	✓	✓	-20	✓	✓	✓	✗	✓
EPDM	40 - 90	✓	✓	-55	✗	✓	✓	✓	✓
Neoprene	40 - 90	✓	✗	-40	✗	✓	✓	✗	Limited
HNBR	70 - 90	✗	✗	-30	✓	✓	✓	✗	Limited
F-SIL	50 - 80	✗	✗	-55	✗	✓	✓	✗	Limited
FFKM	75 - 90	✓	✗	-10	✓	✗	✗	✗	Limited
ACM	60 - 80	✗	✗	-10	✗	✓	✓	✗	Black Only
AEM	60 - 70	✗	✗	-40	✗	✓	✓	✗	Black Only
AFLAS	70 - 80	✗	✗	-9	✗	✓	✓	✗	Black Only
ECO	50 - 90	✓	✓	-40	✗	✓	✓	✗	✓
BUTYL	60 - 70	✓	✗	-60	✗	✓	✓	✗	Black Only
NR	50 - 80	✗	✗	-50	✗	✓	✓	✗	✓
PU	70 - 90	✗	✗	-40	✗	✓	✓	✗	Limited
SBR	50 - 80	✓	✓	-25	✗	✓	✓	✗	Black or Blue
XNBR	70 - 80	✓	✗	-25	✗	✓	✓	✗	✓