

Metals

TYPE OR GRADE	230	260	190	6063	301
Nominal	Cu Zn	Cu Zn	Zn Cu Pb Cd Fe	Mg Si	C Mn P Si Cr Ni
Composition %	85 15	70 30	99.9 .005 .005 .008	.45 .2-.6	.15 2 .045 1 16-18 6-8
Common Name	Red Brass	Cartridge Brass	Zinc	Aluminum	Stainless Steel

Elastomers

TYPE	CHLOROPRENE (Neoprene)	ETHYLENE (Propylene)
ASTM Designation	CR	EPDM
Mechanical Properties		
Hardness - Shore A	50 - 60	50 - 60
Flex Cracking Resistance	Very Good	Very Good
Tear Resistance	Good	Fair - Good
Abrasion Resistance	Excellent	Good - Excellent
Service Temperature (F)	-60° to -225°	-70° to 350°
Environmental Resistance		
Ozone	Very Good	Outstanding
Oxidation	Very Good	Excellent
Weathering	Very Good	Outstanding
Water Good Excellent	Good	Excellent
Radiation	Good	Good
Permeability To Gases	Low - Medium	Medium

Solid extrusions are EPDM unless noted otherwise. Closed cell sponge extrusions are a neoprene blend compound. Closed cell sponge strip meets Mil R6130 Class 2 Grade C. The preceding chart is a partial comparative list of properties.