

# COMPOUND AND SPECIFICATION DATA FOR P36 SADDLE WASHER BLACK EPDM 40 SHORE

TYPICAL PHYSICAL PROPERTIES OF EPDM  
ASTM D2000 M3BA404 A14, C12, F19, Z1, Z2, Z3

PROPERTY		VALUE	TEST METHOD
COLOR		BLACK	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	TYPE
VOLUME SWELL		NO REQUIREMENT	CLASS
DUROMETER		40 +/- 5 (SHORE)	ASTM D 2240
TENSILE STRENGTH		4 MPA (580 psi) MINIMUM	ASTM D 412
ULTIMATE ELONGATION		500 % MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C Change in hardness + 10 Pts Change tensile max. -25% Change elongation -25%	ASTM D 573
C12	OZONE RESISTANCE	70 hrs. @ 50 pphm 38° C 100% quality retention	ASTM D 1171
F19	LOW TEMPERATURE BRITTLINESS	3 MINUTES @ -40° C PASS	ASTM D 2137A, 9.3.2
Z2	HORIZONTAL FLAME RESISTANCE	NOT TO EXCEED 3 IN/ MINUTE	UL-94
Z3	ADVANCED OZONE REQUIREMENT	70 hrs. @ 500 pphm @ 38° C (100° F) PASS	ASTM D 1171

**NOW AVAILABLE IN #14, 5/16 AND 3/8" FASTENER SIZES**

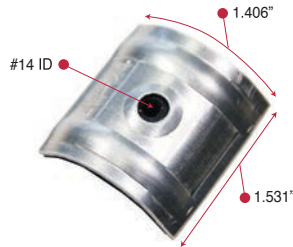
**.040 Thick Aluminum, Commercial Alloy**

# P36 Saddle Washers

Our new "polymer 36" is a result of industry demand and available technology. The unsuitable memory and wear characteristics of sponge and foam have been eliminated. The unsuitability of powder painting the part after the sponge has been glued on has been eliminated. Polymer 36 has been developed to withstand the temperatures required to fully cure powder paint and still retain a full and complete bond between the polymer and its aluminum substrate. Memory characteristics very similar to solid polymers have been achieved thru experimentation in chemical technologies and our own expertise in vulcanizing.



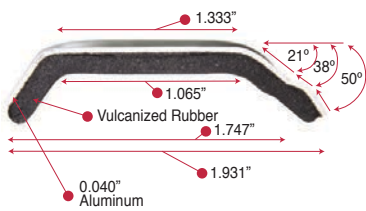
**P36 Saddle Washer: AW-24**



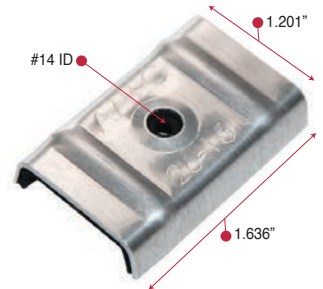
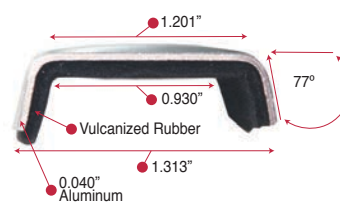
**P36 Saddle Washer: AW-25**



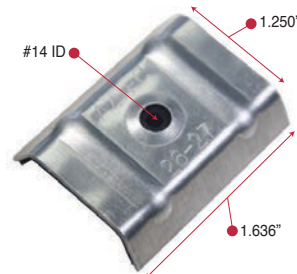
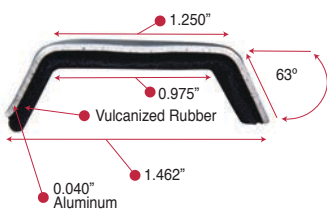
**P36 Saddle Washer: ANT**



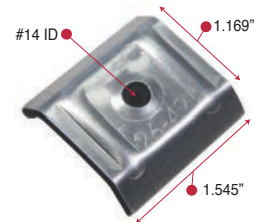
**P36 Saddle Washer: 26-15**



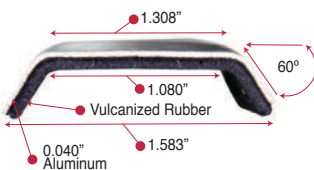
**P36 Saddle Washer: 26-27**



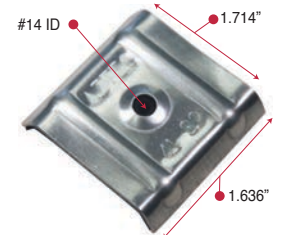
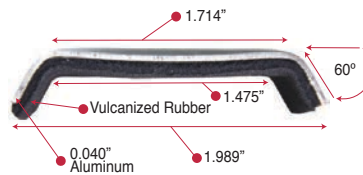
**P36 Saddle Washer: 26-49**



**P36 Saddle Washer: 32-25**



**P36 Saddle Washer: 41-32**



**P36 Saddle Washer: 55-32**

