

FED, STD, NO, 316F  
 JUNE 1, 1983  
 SUPERSEDING  
 FED, STD, NO, 316E  
 APRIL 15, 1981

FEDERAL STANDARD

TIRES, PNEUMATIC, VEHICULAR (PASSENGER HIGHWAY)

THIS STANDARD WAS APPROVED BY THE ASSISTANT ADMINISTRATOR, OFFICE OF  
 FEDERAL SUPPLY AND SERVICES, GENERAL SERVICES ADMINISTRATION,  
 FOR THE USE OF ALL FEDERAL AGENCIES,

S1. PURPOSE AND SCOPE, THIS STANDARD ESTABLISHES STANDARD TIRE SIZE AND CONSTRUCTION OF TIRES USED IN NORMAL HIGHWAY SERVICE/ ON PASSENGER CARS) STATION WAGONS, AND MULTIPURPOSE PASSENGER VEHICLES, ITS PURPOSE IS TO ACHIEVE GREATER ECONOMY BY LIMITING THE NUMBER OF SIZES AND IDENTIFYING WHICH SIZES MAY BE PURCHASED IN EACH OF THE TIRE CONSTRUCTION TYPES.

S1.1 TABLE OF STANDARD TIRE SIZE AND CONSTRUCTION, TABLE I SHOWS STANDARD TIRE SIZE AND CONSTRUCTION,

S2. APPLICATION, PURCHASE OF TIRES FROM COMMERCIAL SOURCES SHALL BE LIMITED TO THE SIZES AND CONSTRUCTIONS SPECIFIED IN TABLE I.

S2.1 APPLICABLE DOCUMENTS, THE FOLLOWING DOCUMENTS OF THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL, FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN,

FEDERAL SPECIFICATION

ZZ-T-381 TIRES, PNEUMATIC, VEHICULAR (HIGHWAY)

FEDERAL QUALIFIED PRODUCTS LIST

QPL ZZ-T-381 TIRES, PNEUMATIC, VEHICULAR (HIGHWAY)

( ACTIVITIES OUTSIDE THE FEDERAL GOVERNMENT MAY OBTAIN COPIES OF FEDERAL SPECIFICATIONS, STANDARDS, AND COMMERCIAL ITEM DESCRIPTIONS AS OUTLINED UNDER GENERAL INFORMATION IN THE INDEX OF FEDERAL SPECIFICATIONS, STANDARDS AND COMMERCIAL ITEM DESCRIPTIONS, THE INDEX, WHICH INCLUDES CUMMULATIVE BIMONTHLY SUPPLEMENTS AS ISSUED, IS FOR SALE ON A SUBSCRIPTION BASIS BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402,

( SINGLE COPIES OF THIS SPECIFICATION, OTHER FEDERAL SPECIFICATIONS AND COMMERCIAL ITEM DESCRIPTIONS REQUIRED BY ACTIVITIES OUTSIDE THE FEDERAL GOVERNMENT FOR BIDDING PURPOSES ARE AVAILABLE WITHOUT CHARGE FROM GENERAL SERVICES ADMINISTRATION BUSINESS SERVICE CENTERS IN BOSTON, MA; NEW YORK, NY; WASHINGTON, DC; PHILADELPHIA, PA; ATLANTA, GA; CHICAGO, IL; KANSAS CITY, MO; FORT WORTH, TX; HOUSTON, TX; DENVER, CO; SAN FRANCISCO, CA; LOS ANGELES, CA; AND SEATTLE, WA,

( FEDERAL GOVERNMENT ACTIVITIES MAY OBTAIN COPIES OF FEDERAL SPECIFICATIONS, COMMERCIAL ITEM DESCRIPTIONS, AND THE INDEX OF FEDERAL SPECIFICATIONS, STANDARDS, AND COMMERCIAL ITEM DESCRIPTIONS FROM ESTABLISHED DISTRIBUTION POINTS IN THEIR AGENCIES, )

S3. CHANGES, WHEN A FEDERAL AGENCY CONSIDERS THAT THIS STANDARD DOES NOT PROVIDE FOR ITS ESSENTIAL NEEDS, WRITTEN REQUEST FOR CHANGING OR ADDING TO THE STANDARD SUPPORTED BY ADEQUATE JUSTIFICATION SHALL BE SUBMITTED IN DUPLICATE TO THE ENGINEERING AND SPECIFICATIONS DIVISION, AUTOMOTIVE COMMODITY CENTER, OFFICE OF FEDERAL SUPPLY AND SERVICES, WASHINGTON, DC 20406, THIS JUSTIFICATION SHALL EXPLAIN WHEREIN THE STANDARD DOES NOT PROVIDE FOR ESSENTIAL NEEDS, THE GENERAL SERVICES ADMINISTRATION WILL DETERMINE THE APPROPRIATE ACTION TO BE TAKEN AND WILL NOTIFY THE AGENCY,

S4. CONFLICT WITH REFERENCED SPECIFICATIONS, WHERE THE SIZE REQUIREMENTS SPECIFIED IN THIS STANDARD CONFLICT WITH ANY REQUIREMENTS IN A REFERENCED SPECIFICATION, THE REQUIREMENTS OF THIS STANDARD SHALL APPLY,

FED, STD, NO, 316F

TABLE I

<u>BIAS PLY AND BIAS BELTED</u>		<u>RADIAL PLY</u>	
7.00-13	C78-15	P155/80R13	P195/70R14
A78-13	D78-15	P165/75R13	P205/75R14
B78-13	E78-15	P165/80R13	P205/70R14
C78-13	F78-15	P175/75R13	P215/75R14
D78-13	G78-15	P175/80R13	P225/75R14
C78-14	H78-15	P185/80R13	P175/75R15
D78-14	J78-15	P195/70R13	P195/75R15
E78-14	L78-15	P205/70R13	P205/75R15
F78-14	8.90-15	P175/75R14	P215/75R15
G78-14	P155/80D13	P185/75R14	P225/75R15
H78-14	P165/75D13	P195/75R14	P225/70R15
J78-14	P185/80D14		P235/75R15
	P195/75D14		HR 78-15

CAUTION: TIRE CLEARANCE, RELATIVE TO STEERING AND WHEELWELLS, SHALL BE CHECKED WHEN MOUNTING STANDARD TIRES ON A PARTICULAR VEHICLE FOR THE FIRST TIME,

TIRES IN SERVICE CAN GROW AS MUCH AS 10 PERCENT, THIS SHALL BE CONSIDERED WHEN MAKING THE TIRE CLEARANCE CHECK,

SPEEDOMETER READING BOTH SPEED AND ACCUMULATED MILEAGE MAY BE IN ERROR IF TIRE SIZE IS DIFFERENT THAN ORIGINAL EQUIPMENT,

NEVER MIX DIFFERENT TIRE SIZES ON THE SAME AXLE,

NEVER MIX DIFFERENT TIRE CONSTRUCTION (BIAS, RADIAL) IN THE SAME VEHICLE,

MILITARY CUSTODIANS:

ARMY - AT

USER INTEREST

ARMY - CE

REVIEW ACTIVITIES:

Navy - YD  
ARMY - AT, WC

PREPARING ACTIVITY:

GSA-FSS

ORDERS FOR THIS PUBLICATION ARE TO BE PLACED WITH GENERAL SERVICES ADMINISTRATION, ACTING AS AN AGENT FOR THE SUPERINTENDENT OF DOCUMENTS, SEE SECTION 2 OF THIS SPECIFICATION TO OBTAIN EXTRA COPIES AND OTHER DOCUMENTS REFERENCED HEREIN, PRICE 50 CENTS EACH,