

PROPERTIES OF MATERIALS

NYLON

NYLON FITTINGS ARE GENERALLY ACCEPTABLE FOR WORKING PRESSURES UP TO 150 PSI AT NORMAL ROOM TEMPERATURES. AT VERY LOW PRESSURES, TEMPERATURES CAN APPROACH 175 F WITH NO DEGRADATION OF THE FITTING'S STRENGTH.

NYLON HAS GOOD RESISTANCE TO A FAIRLY BROAD RANGE OF CHEMICALS INCLUDING MOST AGRICULTURAL CHEMICALS, AMMONIUM COMPOUNDS, DETERGENTS, DIESEL FUEL, ETHANOL, GASOLINE, HEXANE, MAGNESIUM SULFATE, MOST SODIUM COMPOUNDS, TRICHLOROETHYLENE, AND ZINC SULFATE.

NYLON FITTINGS SHOULD NOT BE USED WITH ACID BASED FERTILIZERS, BROMINE, CHLORINE, FLOURINE, HYDROCHLORIC ACID, SULFURIC ACID OR XYLENE.

NOT TO BE USED WITH COMPRESSED GASES

POLYPROPYLENE

POLYPROPYLENE FITTINGS ARE GENERALLY ACCEPTABLE FOR WORKING PRESSURES UP TO 150 PSI AT NORMAL ROOM TEMPERATURES. AT HIGHER TEMPERATURES THE RECOMMENDED WORKING PRESSURE DECREASES. FOR EXAMPLE, AT 140 F THE MAXIMUM RECOMMENDED WORKING PRESSURE IS 90 PSI.

POLYPROPYLENE HAS GOOD RESISTANCE TO MOST AGRICULTURAL CHEMICALS, ACID-BASED FERTILIZERS, AMMONIUM COMPOUNDS, CALCIUM CARBONATE, DDT, ETHANOL, HYDROCHLORIC ACID, MAGNESIUM SULFATE, OXALIC ACID, PROPIONIC ACID, PHOSPHORIC ACID, AND SODIUM COMPOUNDS.

POLYPROPYLENE SHOULD NOT BE USED WITH AROMATIC HYDROCARBONS, CARBON TETRACHLORIDE, GASOLINE, HEXANE, KEROSENE, NITRIC ACID, SODIUM HYPOCHLORITE, TOLUENE, TRICHLOROETHYLENE OR XYLENE.

NOT TO BE USED WITH COMPRESSED GASES.

A & M INDUSTRIES DOES NOT WARRANT THE SUITABILITY OF ANY MATERIAL FOR ANY SPECIFIC CHEMICAL OR PURPOSE. IF YOU WOULD LIKE A MATERIAL SAFETY DATA SHEET (MSDS), PLEASE

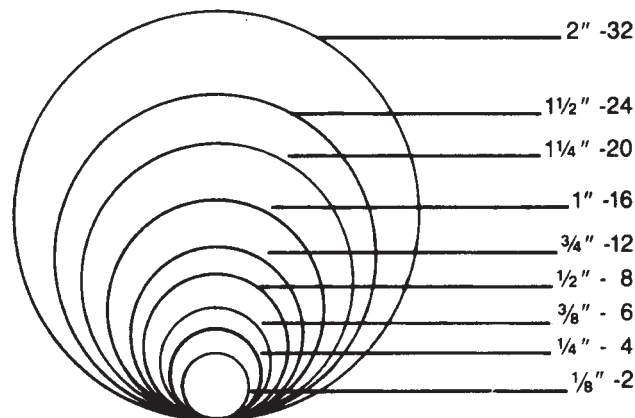
ABBREVIATIONS

MPT - MALE PIPE THREAD
 FPT - FEMALE PIPE THREAD
 MGHT - MALE GARDEN HOSE
 THREAD
 FGHT - FEMALE GARDEN HOSE
 THREAD
 P - POLYETHYLENE

SIZE CODING

1/8" = 2	3/4" = 12
3/16" = 3	1"
= 16	
1/4" = 4	1 1/4" = 20
5/16" = 5	1
1/2" = 24	
3/8" = 6	2" = 32

MALE PIPE (NPTF) THREAD SIZE ACTUAL SIZE



PLEASE NOTE: Line Art is for illustrative purposes only. Actual part may differ. Please call for a dimensional drawing.