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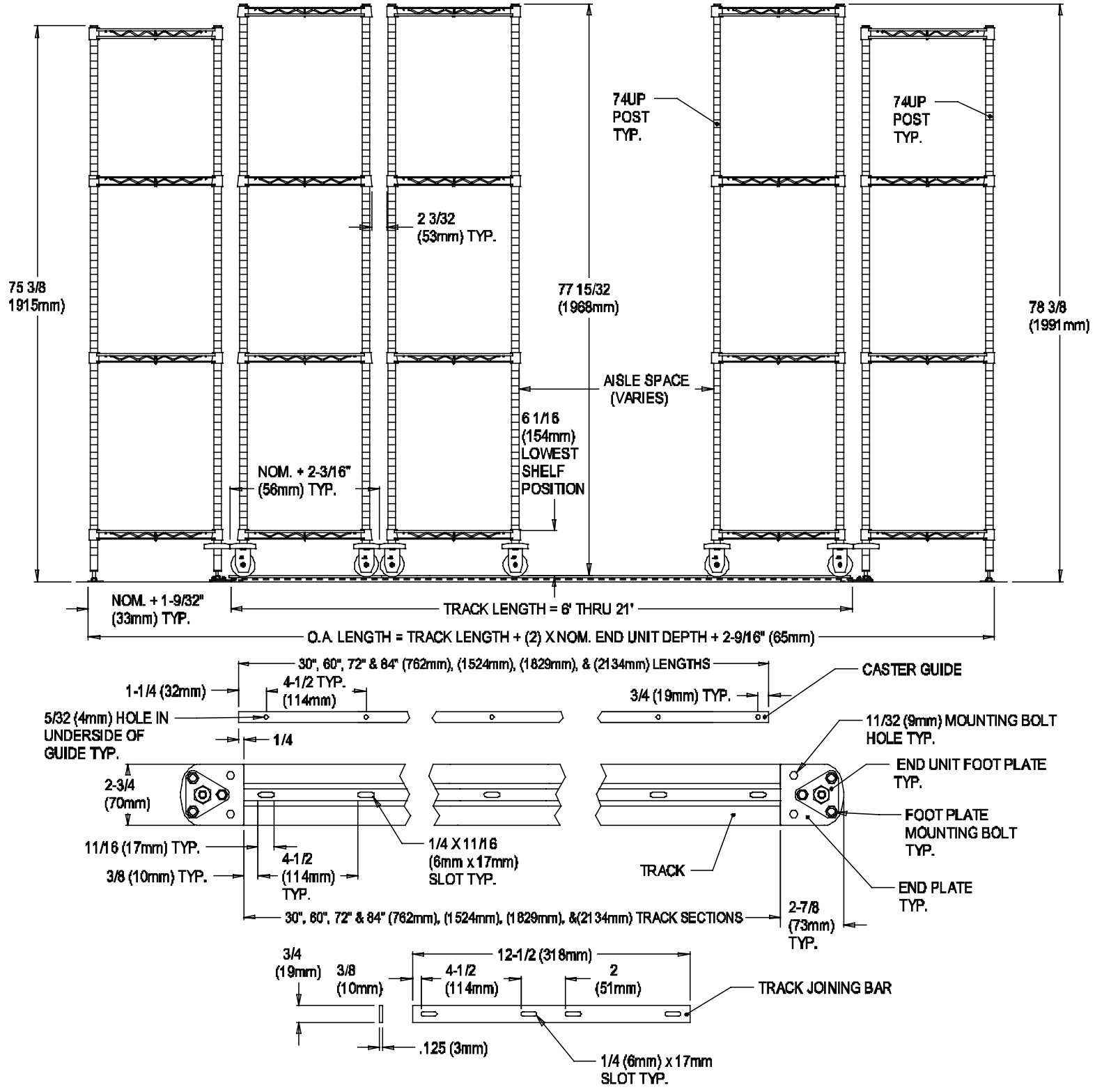
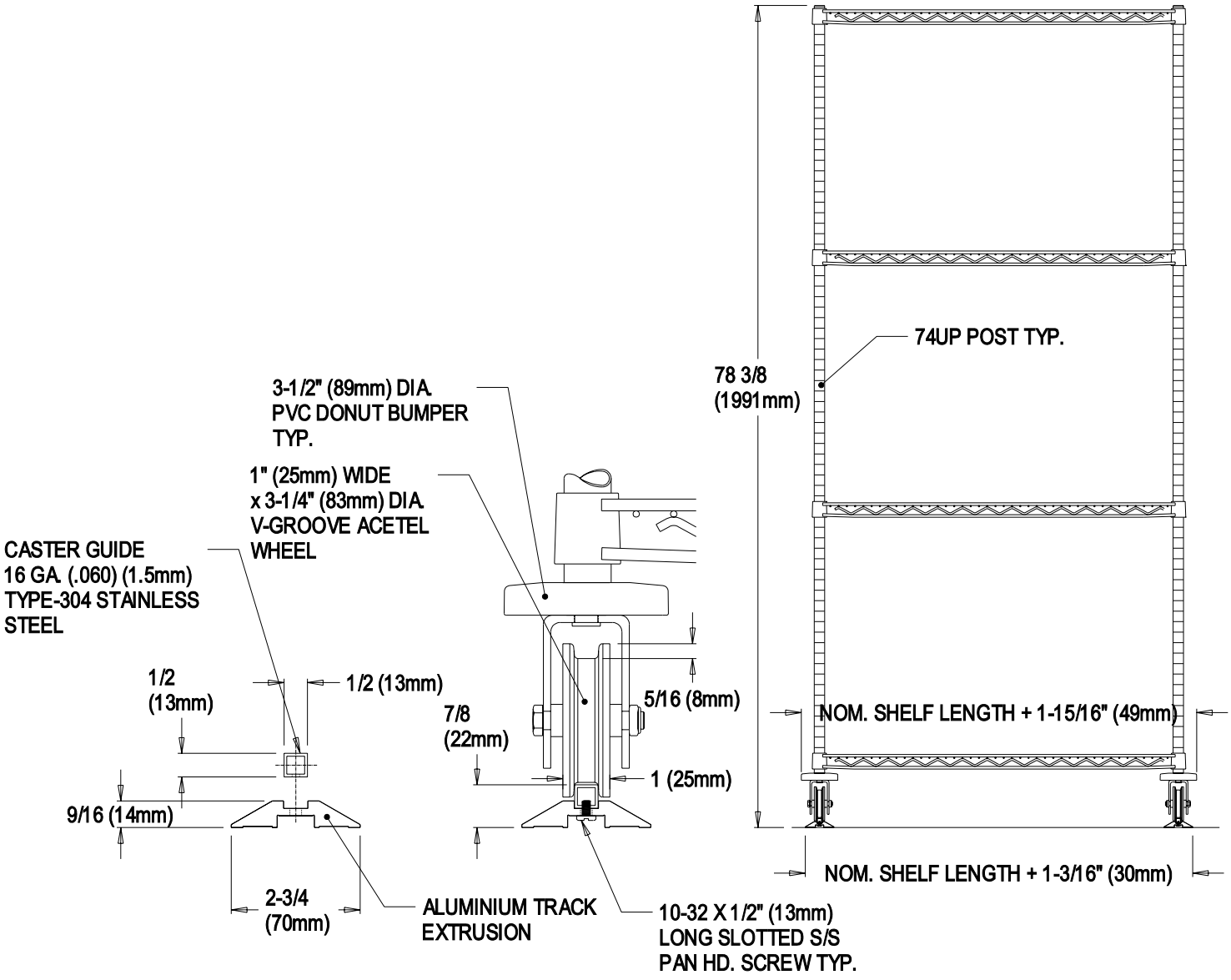
SES/MetroMax/Max Q HD qwikTRAK Technical Data Sheet



SES HD qwikTRAK



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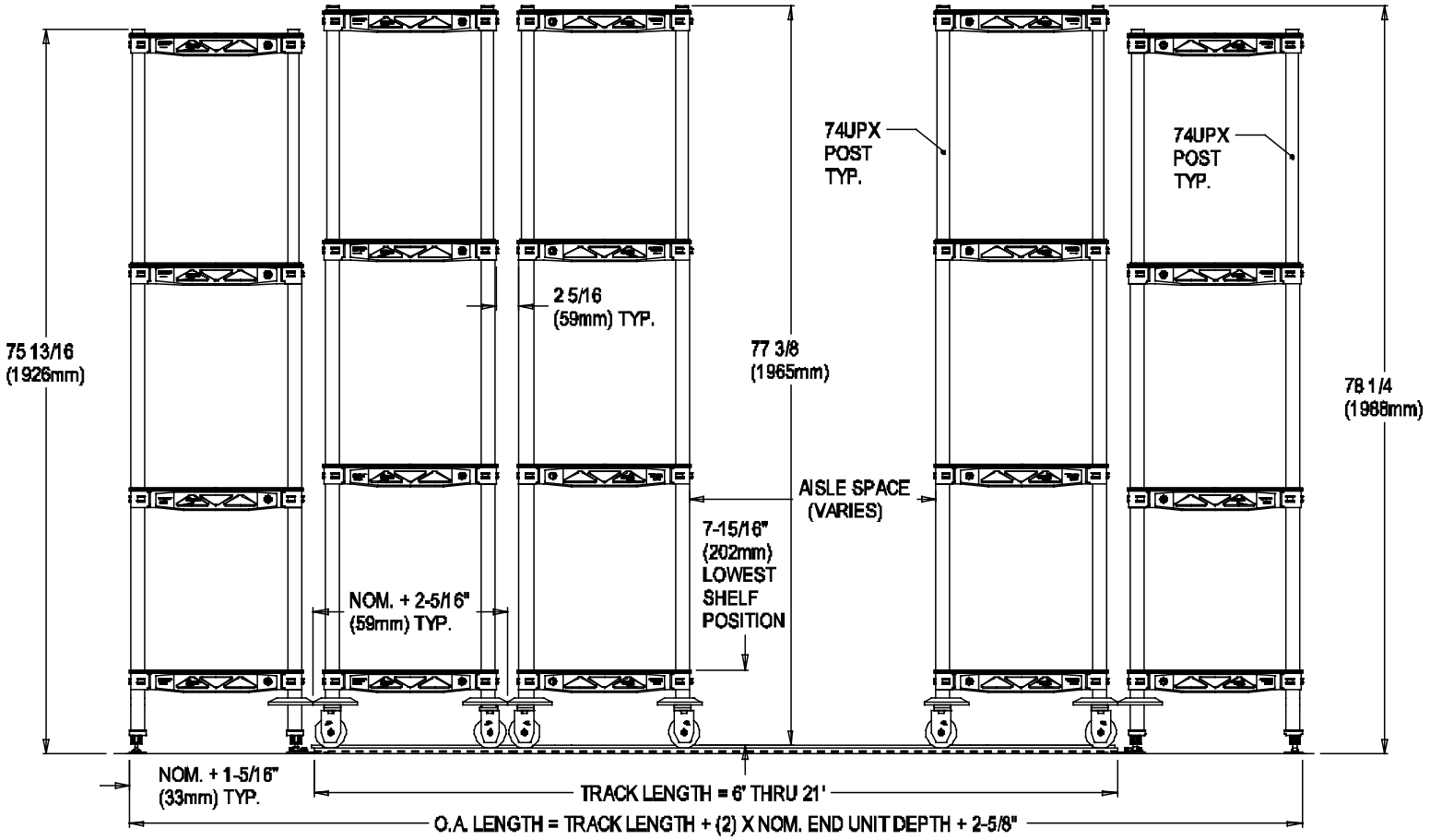
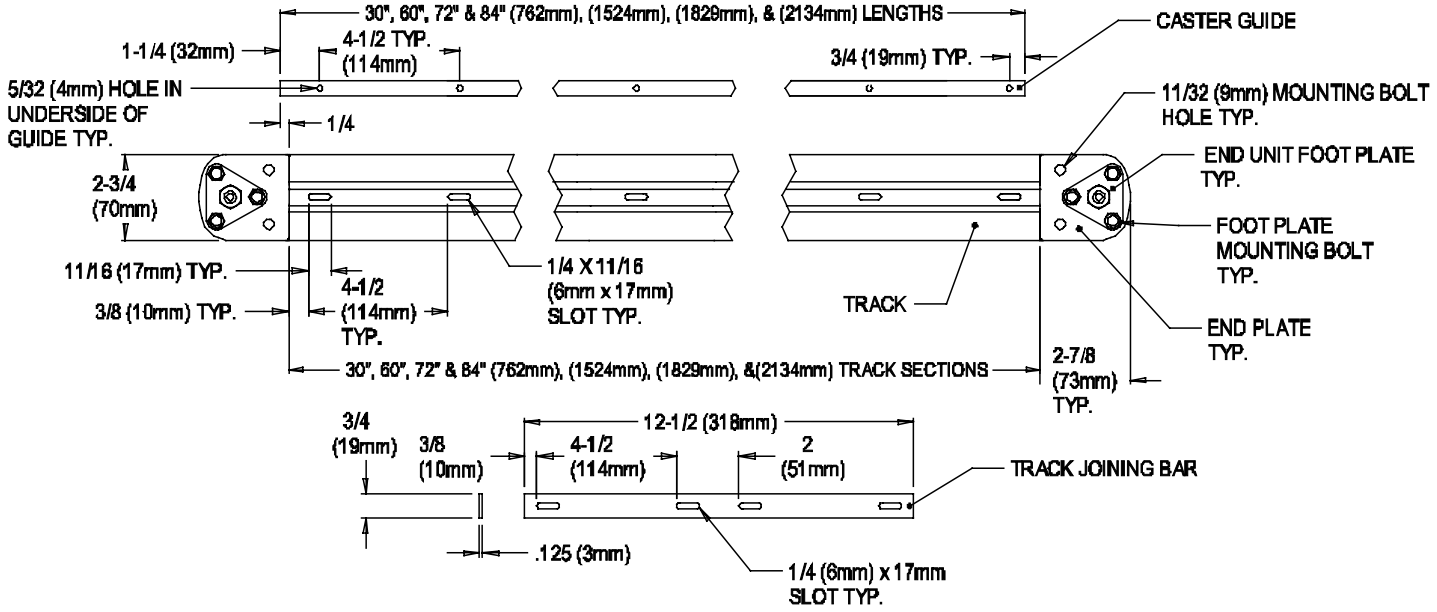
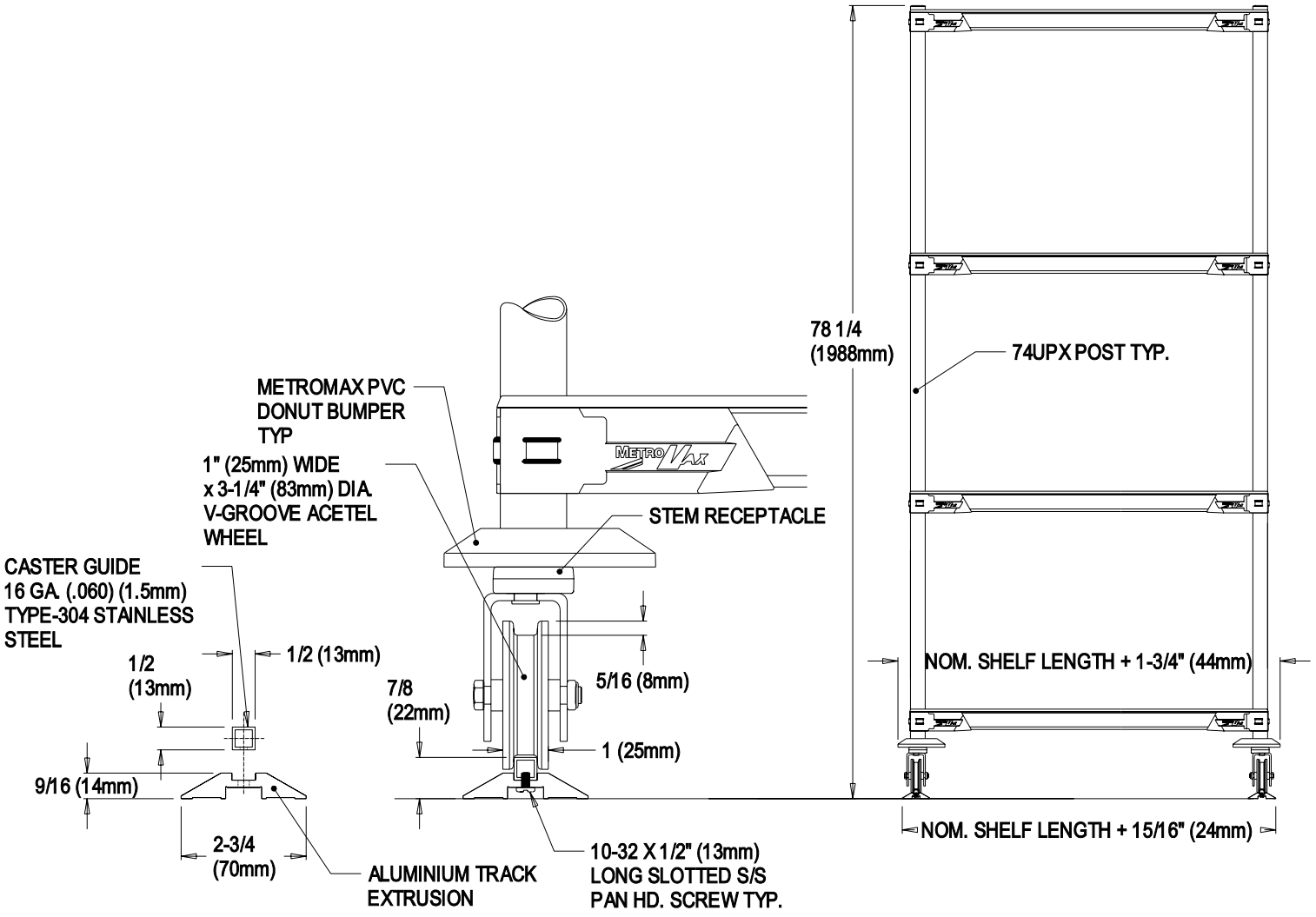
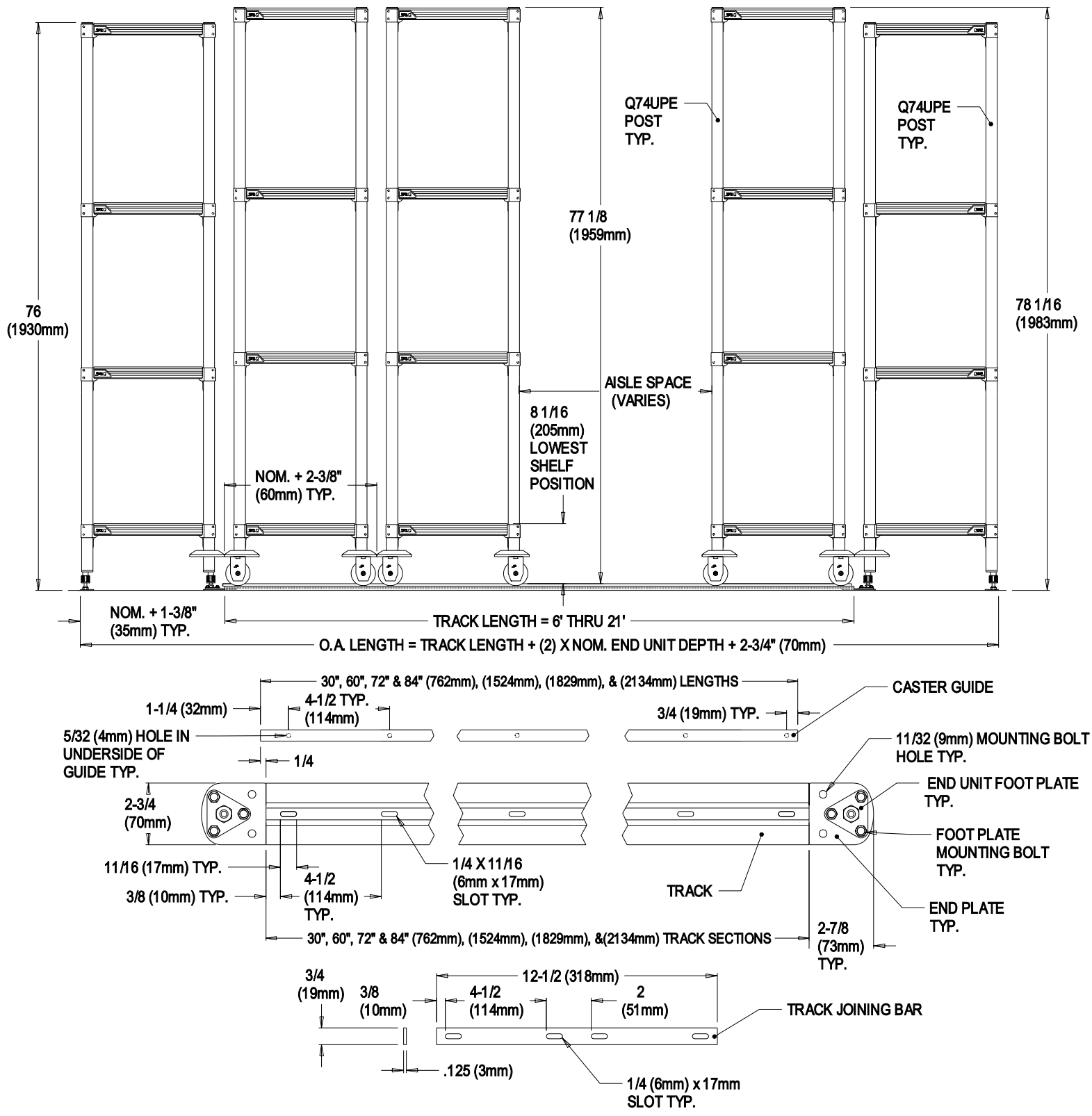




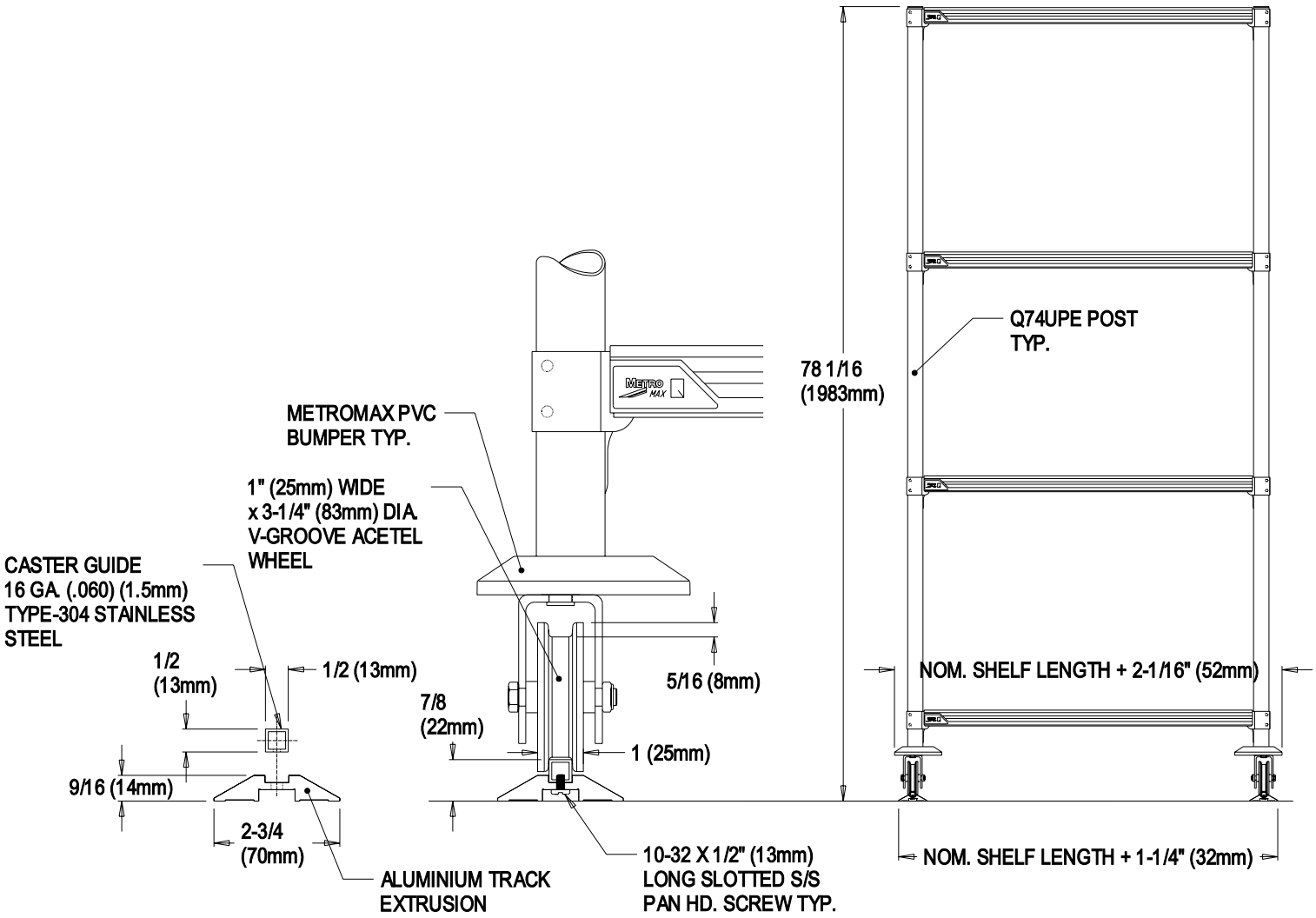
MetroMax HD qwikTRAK



MetroMax HD qwikTRAK



MetroMax Q HD qwikTRAK



MetroMax Q HD qwikTRAK

Application Chart

Finish/ Material	Temp.	Abrasion	Chip Res.	Corrosion (Salt Spray)	Cut Through	Cart Wash	Finish Warranty	NSF Listed
Chrome	-20/120º F. -29/49º C.	Very Good	Excellent	Very Good	N/A	NR	1 Year	Yes
Stainless	-20/120º F. -29/49º C.	Excellent	Excellent	Excellent	N/A	NR	1 Year	Yes
Metroseal 3	-20/120º F. -29/49º C.	Excellent	Excellent	Excellent	Excellent	NR	12 years	Yes
MetroMax	-20/120º F. -29/49º C.	Excellent	Excellent	Excellent	N/A	NR*	Limited Lifetime	Yes
MetroMax Q	-20/120º F. -29/49º C.	Very Good	Excellent	Very Good	Very Good	NR*	15 years	Yes

MetroMax & Max Q shelf mats are removable and cart washable – refer to cart washing parameter technical data
NA = Not Applicable
NR = Not Recommended

Material Specifications:

Track – 6063 Aluminum Extrusion
Caster Guide – 16 Ga. (.060) (1.5mm) Type-304 Stainless Steel Tubing
Joining Kit – 11 Ga. (.120) (3mm) Type-304 Stainless Steel
Casters – 1” (25mm) x 3-1/4” (83mm) Dia. V-Groove Acetyl Wheel
Hardware – 18-8 Stainless Steel
Shelves & Posts – Refer to catalog and/or technical data sheets for specific shelving system type.

Load Rating:

Super Erecta & MetroMax Q Mobile and Stationary Units: 2000 lbs. (907kg.) per unit
MetroMax Mobile and Stationary Units: 1200 lbs. (544 kg.) per unit

Miscellaneous Information

ESD: MetroMax, MetroMax Q, & Super Erecta Metroseal 3 HD qwikTRAK systems are non-conductive, and are not suited for ESD environments. Super Erecta chrome and stainless steel mobile units have non-conductive casters, but can be made conductive with the addition of an appropriate ESD drag cable. Super Erecta & stainless steel stationary units are conductive.

Cleanrooms: HD qwikTRAK systems have not been evaluated for cleanroom classification, therefore, no cleanroom classification has been assigned. It is the responsibility of the cleanroom operator/supervisor to determine if HD Qwik Track systems are appropriate for their cleanroom application.

MRI Application: HD qwikTRAK systems are not suitable for MRI applications or locations. If MRI compatible systems are required, contact Metro Engineering for more information.

HD qwikTRAK systems contain no latex or latex compounds.

All end, intermediate, and mobile units must be 18" (457mm) or wider and must not exceed 74" (1880mm) in height without engineering approval.

HD qwikTRAK systems are not recommended for cutting in the field – contact custom engineering for specific applications.

Super Erecta qwikSLOT shelves are not recommended for use in HD qwickTRAK systems.

Flammability Rating

Under the National Fire Protection Association guidelines NFPA 101 (Life Safety Code 2003) and NFPA 99 (Standard for Healthcare Facilities 2005), Metro HD qwikTRAK Storage Systems are not considered part of the interior finish of a facility (3.3.112 Interior Finish), (3.3.33 Contents and Furnishings), and therefore, **flammability rating information is not required**. The Joint Commission on Accreditation of Healthcare Organizations (JCAHO) ensures compliance to NFPA standards with respect to fire safety, and is not concerned with the material of construction for HD qwikTRAK systems. It should be understood that there are many other Authorities Having Jurisdiction (AHJ), but a review of multi-state regulations has revealed no section of any code that covers the material of construction for mobile carts or accessories. If such an approved code exists with any AHJ, a copy of the specific documentation should be forwarded to our attention for a review of compliance.

It is known that HD qwikTRAK storage systems, given enough heat of ignition, will sustain combustion. However, they will not have the tendency to self-ignite, and will only initiate combustion with a direct and extended flame source. Furthermore, the temperatures at which this will occur are comparable to the temperatures at which most other combustibles will also sustain combustion. Their toxicity in a fire is fairly common to most combustibles. Oxides of nitrogen and carbon are the expected products of combustion in the presence of large amounts of air. The products of poorly ventilated combustion are an uncharacterized mixture of organic compounds. This mixture will be as hazardous as the normal fire gases associated with poorly ventilated combustion.

HD qwikTRAK Chemical Resistance Guide							
	Chrome	**Stainless**	**Metroseal 3**	**MetroMax**	**MetroMax Q**	**Track**	**Caster**
ACID, INORGANIC	**RANK**	**RANK**	**RANK**	**RANK**	**RANK**	**RANK**	**RANK**
Hydrochloric acid (37%)	3	3	1	1	1	3	3
Nitric acid (10%)	2	1	1	2	1	3	4
Nitric acid (70%)	3	1	3	3	3	3	4
Phosphoric acid (10%)	2	1	2	2	2	3	3
Phosphoric acid (85%)	2	1	2	3	2	3	4
Sulfuric acid (10%)	2	2	1	1	1	3	4
Sulfuric acid (30%)	3	3	2	1	2	3	4
Sulfuric acid (98%)	3	3	3	3	3	3	4
ACID, ORGANIC							
Acetic acid (5%)	2	1	2	1	2	2	2
Acetic acid (50%)	3	2	3	1	3	2	3
Acetic acid (glacial)	4	2	4	2	4	2	4
Citric acid (10%)	1	1	1	1	1	1	1
Oleic acid	1	1	1	1	1	2	1
ALCOHOL							
Ethanol	1	1	1	2	1	1	1
Isopropyl (2-propanol)	4*	1	1	2	1	1	2
Methanol	1	1	1	1	1	1	1
ALDEHYDE							
Formaldehyde (37%)	1	1	1	2	1	2	2
AMIDE							
Dimethyl formamide (DMF)	2	2	3	4	3	2	1
BASE							
Ammonium Hydroxide	2	2	1	1	1	2	3
Sodium Hydroxide	2	2	1	2	1	3	3
CLEANING MATERIAL							
Ammonia	2	2	1	1	1	2	1
Bleach	2	2	2	1	2	3	4
Detergent	1	1	1	1	1	1	1
Quaternary Ammonium	1	1	1	1	1	1	1
Commercial Compound							
Anti-freeze	2	2	1	1	1	2	1
ESTER							
Dioctyl phthalate (DOP)	2	2	1	1	1	2	1
ETHER							
Ethyl ether	2	2	2	2	2	2	1
FOODSTUFF							
Orange juice	1	1	1	1	1	1	1
Salad oil	1	1	1	1	1	1	1
Vegetable oil	1	1	1	1	1	1	1
Vinegar	2	1	2	1	2	2	2
HALOGEN							
Carbon tetrachloride	1	1	1	4	4	3	2
Chlorine	2	2	2	2	2	3	4
Freon	2	2	1	4	4	2	1
Methylene Chloride	1	1	1	4	4	3	2
Perchloroethylene	1	1	1	4	4	3	2
Trichloroethylene	1	1	1	4	4	3	1
HYDROCARBON,							
Kerosene	2	2	1	2	2	2	1
HYDROCARBON,							
Benzene	2	2	2	3	2	2	1
Naptha	2	2	1	2	1	2	1
Toluene	1	1	1	4	4	2	4
HYDROCARBON,							
Brake fluid	2	2	1	2	1	2	1
Diesel fuel	1	1	1	1	1	1	2
Engine oil	1	1	1	1	1	1	1
Gasoline	2	2	1	2	2	2	1
Grease	1	1	1	1	1	1	1
Hydraulic fluid	2	2	1	2	1	2	2
Turpentine	1	1	1	2	2	1	1
KETONE							
Acetone	1	1	2	3	2	1	1
Methyl ethyl ketone (MEK)	1	1	2	2	2	2	3
ORGANIC COMPOUND							
Hydrogen peroxide (30%)	2	2	2	2	2	1	4
Phenol	1	1	2	2	2	1	4

Key To Ranking Chemical Resistance

1. Excellent – For use under normal conditions.
2. Acceptable – Long term exposure under severe conditions (high temperature, stress, etc.) may cause loss of mechanical properties or appearance.
3. Marginal – For use only where significant loss of mechanical properties or appearance is acceptable.
4. Do not use – Causes severe degradation.

NOTE: All ratings are based on standard product operating temperatures as defined in the product application chart.

A resistance rating of 1 or 2 is considered to be within acceptable limits of the product and should not be cause for concern.