Standard Brass Threaded Pipe Waveguides

XALON
Radio Frequency Shielding Systems



0.375" Nom. Schedule 40 Brass Pipe 230-H58

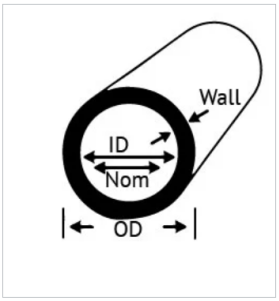




1 Dimension(s) for this product

Nominal:	Schedule:	Outer Diameter:	Wall:
0.375 "	Schedule 40	0.68 "	0.09 "

Inner Diameter:
0.5 "



Dimension Name	Specification
Nominal	0.375
Schedule	Schedule 40
Outer Diameter	0.68
Wall	0.09
Inner Diameter	0.5
Max Length	144
Alloy	230
Temper	H58
MTR Availability	No
Full Length	true
Material	Brass
Shape	Pipe
Custom Cut Warehouse	1
Specs: ASTM	ASTM-B43
Rockwell Hardness	B77
Brinell Hardness	141



Leaded Brass Hex Locknuts

Non-ferrous metal
Great heat conductor
Available in lead free for potable water applications
Available in leaded for non-potable water applications
Highly durable
Highly malleable
Tolerant of high temperatures
Melting Point at 900°C – 1000°C (1,652°F – 1,832°F)

Handling and Safety
For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to the SDS.

Shelf Life
Sealed containers are guaranteed for 6 months from the ship date when stored in a cool dry area below 70°F.

Country of Origin
Xalon-FS is made in the United States of America and meets the standards of the Buy American Act.

Chemical Cure System
Oxime

Solids
98% solids

Adhesion
Primer less adhesion to most metals and typical substrates

Service Temperature
-45 to 260°C

Limitations
Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.

Curing
Cure speed can be accelerated with increased humidity and heat to very rapid cure times. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber with electrically conductive properties is formed.

Typical Properties
- **Color:** Dark Gray
- **Viscosity:** cps 600,000
- **Specific Gravity:** 2.29
- **Consistency:** Thixotropic Paste
- **Working Time @ RT:** 15 Minutes
- **Tack Free Time @ RT:** 60 Minutes
- **Application Rate 90 PSI:** 400g/min
- **Cure Time:** 72 Hours @ RT
- **Durometer:** 65 Shore A
- **Volume Resistivity:** 0.06 Ohms-cm
- **Thermal Conductivity:** 2.5 W/m/K
- **Conductive Filler:** Nickel Graphite

Xalon-FS Electrically Conductive Silicone RTV

FS is an electrically conductive, moisture curing silicone RTV. FS is a 1-part silicone that when applied to the substrate allows handling of the assembly after 1 hour. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperature. FS works well in manual and automatic dispensing equipment.

Product Features
Fast RT Cure
Thixotropic Paste
High Temperature Resistant Non-Corrosive

Typical Applications
Form In Place Gaskets
Electrically Conductive Sealant
Thermally Conductive Sealant
EMI/RFI Silicone Shielding

