RHINO TOUGH

SRM INDUSTRIES INC.

RHINO TOUGH

The Toughest Hose Protection Products on the Planet...Period!

NEW! RHINO SAFETY ORANGE DRIP PROOF PLUGS™

MATERIAL SPECIFICATIONS

Nitrile-NBR; does not contain silicone

Note: We reserve the right to make any engineering or material changes at any time to our products for enhancement, performance and quality.

FEATURES

- ***New Hex Head Design for "Better Grip"***
- High quality oil resistant rubber
- Strong, reusable
- Protects the environment
- Meets California Prop 65
- Meets RoHS

USES

- Use ***RHINO SAFETY ORANGE DRIP PROOF PLUGS*** anywhere hydraulics are in use.
- ***RHINO SAFETY ORANGE DRIP PROOF PLUGS*** are a handy tool for emergency leaks. One plug covers many sizes.

MARKETS

- Hydraulics
- Vehicle Repair and Maintenance
- Forestry
- Marine
- Agriculture
- Industrial
- Mining
- Rescue
- Construction
- Building Maintenance
- Lifting
- Displays
- Demolition

1 INSERT

2 PUSH

3 PUSH & TWIST

New Hex Head Design for "Better Grip"

Proper use of product is the sole responsibility of the user.

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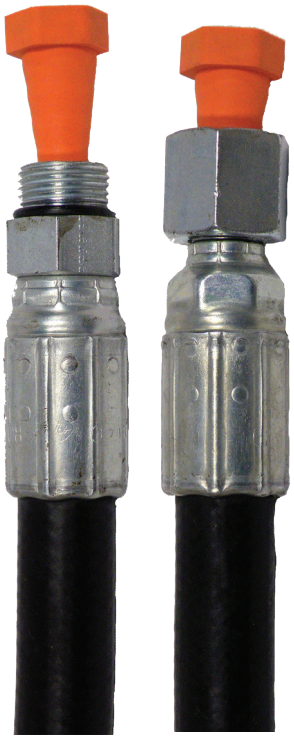

New Hex Head Design for "Better Grip"

RHINO ORANGE DRIP PROOF PLUGS™

SRM Part #	Size	Package Quantity Ea	Size Range
ROPLUG-1	Mini	16	Fitting size -4 through -8
ROPLUG-2	Small	10	Fitting size -4 through -12
ROPLUG-3	Medium	6	Fitting size -16 through -20
ROPLUG-4	Large	4	Fitting size -24 through -32
ROPLUG-K	Mixed Kit	4-Mini, 4-Small, 2-Medium, 2-Large	

Manufactured for SRM Industries Inc.

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Physical & Mechanical Properties

Durometer	50
Tensile Strength Range	200–3,500 PSI
Elongation (Range %)	350 %–650 %
Abrasion Resistance	Good to Excellent
Adhesion to Metal	Excellent
Adhesion to Rigid Materials	Good to Excellent
Compression Set	Good to Excellent
Flex Cracking Resistance	Fair to Good
Impact Resistance	Fair to Good
Resilience/Rebound	Good
Tear Resistance	Good to Excellent
Vibration Dampening	Fair to Good

Chemical Resistance

Acids, Dilute	Good
Acids, Concentrated	Poor to Fair
Acids, Organic (Dilute)	Good
Acids, Organic (Concentrated)	Poor
Acids, Inorganic	Fair to Good
Alcohol's	Fair to Good
Aldehydes	Poor to Fair
Alkalies, Dilute	Good
Alkalies, Concentrated	Poor to Good
Amines	Poor
Animal & Vegetable Oils	Good to Excellent
Brake Fluids, Non-Petroleum Based	Poor
Diester Oils	Fair to Good
Esters, Alkyl Phosphate	Poor
Esters, Aryl Phosphate	Poor to Fair
Ethers	Poor
Fuel, Aliphatic Hydrocarbon	Good to Excellent
Fuel, Aromatic Hydrocarbon	Fair to Good
Fuel, Extended (Oxygenated)	Fair to Good
Fuel, Gasoline (all grades)	Good to Excellent
Fuel, Diesel	Good to Excellent
Halogenated Solvents	Poor
Hydrocarbon, Halogenated	Poor to Fair
Ketones	Poor
Lacquer Solvents	Fair
LP Gases & Fuel Oils	Excellent

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Chemical Resistance

Mineral Oils	Excellent
Oil Resistance	Good to Excellent
Petroleum Aromatic	Good
Petroleum Non-Aromatic	Excellent
Refrigerant Ammonia	Good
Silicone Oil	Good
Solvent Resistance	Good to Excellent

Thermal Properties

Low Temperature Range	-55° C to -15° C
Minimum for Continuous Use (Static)	- 40° C
Brittle Point	- 55° C to -15° C
High Temperature Range	+ 100° C to + 125° C
Maximum for Continuous Use (Static)	+ 125° C

Environmental Performance

Colorability	Excellent
Flame Resistance	Poor
Gas Permeability	Fair to Excellent
Odor	Good
Ozone Resistance	Fair to Good
Oxidation Resistance	Good
Radiation Resistance	Fair to Good
Steam Resistance	Fair to Good
Sunlight Resistance	Poor to Good
Taste Retention	Fair to Good
Weather Resistance	Fair to Good
Water Resistance	Good to Excellent