

氢化丁腈 (HNBR)

HNBR is used in a wide range of applications, including automotive market (coolant, AdBlue, oil, fuel systems), industrial applications, oil and gas industries, food and pharma, and medical applications. On a volume basis, the automotive market is the largest consumer.

氢化丁腈橡胶有很广泛的应用，包括汽车行业（冷却液，AdBlue,油，燃油系统），工业应用，石油和天然气行业，食品和医药，及医疗行业。其中汽车行业是使用最多的行业。

HNBR advantages （氢化丁腈的优点）

Excellent media resistance 优良的耐介质性

Excellent heat and oxidation stability 优良的热稳定性和氧化稳定性

High mechanical strength 机械强度高

High wear resistance 耐磨性高

Good in (ultra-pure) water and steam 耐水蒸汽性能良好

Temperature range from -40 °C to +150 °C (-40F to +302F)

耐温范围-40℃到+150℃ (-40F to +302F)

硬度：邵氏 55-90 度

Hardness: 55-90 Shore A

认证：ROHS 认证

Certification: ROHS Certification

三元乙丙 (EPDM)

EPDM rubber Widely used in auto parts, building waterproof materials, wire and cable sheath, heat-resistant rubber hose, automotive seals, and other products.

三元乙丙橡胶广泛应用于汽车部件、建筑用防水材料、电线电缆护套、耐热胶管、汽车密封件、及其它制品。

EPDM advantages （三元乙丙的优点）

Excellent aging, ozone and light stability 优异的耐老化、臭氧和光稳定性

Good resistance to ketones 优良的电绝缘性

Excellent resistance to steam 优良的耐蒸汽性

Extremely high wear resistance 极高的耐磨性

Temperature range from -40 °C to +150 °C (-40F to +302F)

耐温范围-40℃到+150℃ (-40F to +302F)

硬度:邵氏 30-90 度

Hardness: 30-90 Shore A

认证：ROHS 认证

Certification: ROHS Certification

丁腈 (NBR/Nitrile)

丁腈橡胶具有良好的耐油性，常用于制造各种耐油的垫片，密封件和胶管等。

Nitrile rubber has good oil resistance,often used in the manufacture of all kinds of oil resistant gaskets, seals, and rubber hose etc.

NBR advantages (丁腈的优点)

Excellent resistance to oils 极好的耐油性

Good abrasion resistance 良好的耐磨性

Temperature range from -40 °C to +120 °C (-4F to 248F)

耐温范围-40℃到 120℃ (-4 to 248F)

硬度: 邵氏 40-90 度

Hardness: 40-90 Shore A

认证: ROHS 认证

Certification: ROHS Certification

硅胶 (Silicone)

MVQ silicone is a non-toxic material.Silicone rubber is widely used in Cookware (Cookware), toys, small appliances and filter, etc.Since MVQ silicone has low tensile strength and abrasion resistance, it cannot be used in extremely demanding applications.

MVQ 硅是一种无毒材料。硅橡胶广泛应用于炊具，玩具，小型家电和过滤等行业。由于硅橡胶硅具有较低的拉伸强度和耐磨性，它不能用在要求极高的应用。

MVQ advantages (硅胶的优点)

Good resistant to fungal decay 良好的耐腐蚀性

Has very good cold flexibility 良好的低温柔韧性

High resistance to dry heat, ultraviolet light and ozone 优良的耐干热，紫外线和臭氧性

Temperature range from -70 °C to +220 °C (-94F to 428F)

耐温范围: -70℃ to 220℃

硬度: 邵氏 25-90 度

Hardness: 25-90 Shore A

认证: ROHS 、FDA

Certification: ROHS FDA Certification

聚氨酯 (PU)

PU is in widely used daily life, industrial and agricultural production, medicine and other fields.In the automotive industry used in the manufacture of damping products, in the mechanical industry used to manufacture seals, belt;In the medicine field is used to manufacture of artificial hearts etc.

聚氨酯在日常生活、工农业生产、医学等领域广泛应用。在汽车工业中用于制造减震制品；在机械工业中用于制造密封件，传动带；在医学领域中用于制造人工心脏等。

MVQ advantages(聚氨酯的优点)

Outstanding abrasion resistance 突出的耐磨性能

Easy to hydrolysis 易水解

Good resistance to oils and pressure 良好的耐油和耐压性能

Temperature range from -40 °C to +90 °C (-40F to 194F)

耐温范围: -40℃-+90℃ (-40F to 194F)

硬度: 邵氏 60-95 度

Hardness: 60-95 Shore A

氟硅胶 (fluorosilicone/FMVQ)

氟硅胶可广泛的应用于航天，传感器，快速接头等领域中，特别应用在宇航工业。它综合了氟胶和硅胶的性能。

FMVQ can be widely used in aerospace, sensors, quick connectors, and other fields, especially the application in the aerospace industry.It combines the performance of FKM and MVQ.

FMVQ advantages(氟硅胶的优点)

Excellent resistance to high temperature 优秀的耐高温性

Good low temperature resistance 突出的耐低温性

Well aging resistance 良好的耐老化性

Temperature range from -60 °C to +220 °C (-76F to 428F)

耐温范围: -60℃-+220℃ (-76F to 428F)

硬度: 邵氏 45-80 度

Hardness: 45-80 Shore A

过氧、特配、环保级三元乙丙 (Oxygen EPDM、Special EPDM、Environmental EPDM)

Oxygen EPDM has good oil resistance and excellent pressure resistance. It is widely used in the industries of auto components.

过氧三元乙丙有良好的耐刹车油性能, 具有良好的压变性能。它广泛的应用于汽车元件行业。

Special EPDM can resistant to electrolyte. It is widely used in new energy industry, especially the new energy battery industry.

特配三元乙丙可耐电解液。它广泛应用于新能源行业, 特别是新能源电池行业。

Environmental EPDM can pass food grade test. It is widely used in environmental protection equipment and filter industry.

环保级三元乙丙可通过食品级检测。它广泛的环保设备以及过滤行业。

高回弹丁腈 (High resilient NBR)

Good rebound resilience, outstanding strength properties and Excellent elongation 回弹性好, 强度和伸长率表现突出。

导电、耐高温硅胶 (Conductive MVQ、High temperature resistant MVQ)

The conductive silicone has good electric conductivity, the minimum resistance can achieve 100 Ω .The common color is black.

导电硅胶拥有优秀的导电率, 电阻最小可以达到 100Ω。一般常见的颜色是黑色的。

Our high temperature resistant silicone rubber is imported, it can resistant to the temperature of 300 degrees.

我们的耐高温硅胶胶料是进口的, 可耐 300 度的高温。

阻燃硅胶、三元乙丙、丁腈 (Flame-retardant MVQ、Flame-retardant EPDM、Flame-retardant NBR)

阻燃硅胶、三元乙丙、丁腈的阻燃等级可达 V0 级, 它们广泛的应用于电子电器行业。

The flame-retardant grade level of Flame-retardant MVQ、Flame-retardant EPDM、Flame-retardant NBR can up to V0, they are widely used in electrical and electronic industry.