

# SYNOVIAL-FLEX Canine Soft Chews & Feline Gel

*A Supplement  
for Joint Function and  
Flexibility  
in Dogs & Cats*



## CONTAINS:

Glucosamine,  
Perna Canaliculus,  
MSM, Creatine,  
Omega-3 Fatty Acids,  
Antioxidants,  
Vitamins C & E

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**GAGs (Glycosaminoglycans):** a key component of connective tissue that replenishes and maintains healthy cartilage. Along with collagen, forms the extracellular matrix of cartilage. They are negatively charged molecules that attract water and provide cartilage the ability to swell while the pressure is restrained by collagen fibers. This allows the cartilage to resist compression and distribute load.

# SYNOVIAL-FLEX Soft Chews for Dogs & Feline Gel

*A Supplement for Joint Function  
and Flexibility in Dogs & Cats*

Synovial-Flex supplements contain ingredients that act on each component of joint degradation: This combination of ingredients in one supplement, make this the most complete product on the market

## For Energy and Endurance:

**Creatine Monohydrate:** an amino acid found in skeletal muscle, it aids in the conversion of glucose into energy. Creatine aids in improving muscle strength and energy levels.

**Calcium Phosphate:** a balanced dietary ratio is needed for proper bone mineralization. Calcium is crucial for energy production, muscle, nerve and immune functions.

## Chondroprotective Agents:

**Glucosamine HCl:** supports joint health by stimulating GAGs and proteoglycan production in the extracellular cartilage matrix, and by reducing the action of inflammatory mediators and enzymes that degrade cartilage affected with osteoarthritis.

**Perna Canaliculus:** a green-lipped mussel rich in GAGs.

**Manganese Sulfate:** a trace mineral essential for growth and development of bone and cartilage, and a cofactor for glycosyltransferases, enzymes used in the synthesis of GAGs.

**Ascorbic Acid (Vitamin C):** essential in the biosynthesis of connective tissue components like collagen, elastin, proteoglycans and bone matrix. Ascorbic Acid is essential to wound healing and bone regeneration, and is a very important biological antioxidant.

**Zinc Sulfate:** an important essential mineral in nucleic acid enzymatic reactions, protein and energy metabolism, immune function and wound healing.

## Anti-Inflammatories:

**MSM (MethylSulfonylMethane):** Sulfur from MSM is incorporated into the amino acids methionine and cysteine which contribute to the proper functioning of joints and muscles.

**Omega-3 Fatty Acids:** Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA): provide anti-inflammatory properties as they interfere with the production of pro-inflammatory eicosanoids and cytokines.

## Antioxidants:

**Citrus Bioflavonoids:** aid in the absorption of Ascorbic Acid, and protect antioxidant vitamins from oxidative damage. Promote circulation, capillary strength and collagen health.

**Alpha Tocopheryl Acetate (Vitamin E):** a fat-soluble nutrient that is the primary antioxidant in cell membranes.

**Alpha-Lipoic Acid:** a fat and water soluble nutrient that has antioxidant properties in both intracellular and extracellular environments.

**Grape Seed Extract:** a phytochemical with potent antioxidant properties including recycling of oxidized Ascorbic Acid. Inhibits the oxidation of low-density lipoproteins and scavenges hydroxyl radicals

**Selenium:** works along with Alpha Tocopheryl Acetate to protect cell membranes and tissues

	Glucosamine HCl	MSM	Creatine Monohydrate	Perna Canaliculus
Synovial-Flex Soft Chews (per 2 chews)	1000 mg	1000 mg	200 mg	300 mg
Synovial Flex Feline Gel (per 1/2 tsp or 2.5 ml)	130 mg	90 mg	—	39 mg