



Fresubin® 2 kcal HP

The low volume solution: effectively combines high energy and high protein

2 kcal/mL, high protein tube feed for the dietary management of patients with or at risk of malnutrition, in particular with increased energy and protein needs and/or fluid restrictions and low volume tolerance

For Health Care Professionals only.

Quick to meet nutrition targets in the lowest volume

For periods of high energy and protein needs (>1.2g protein/kg BW)

Highest protein content (10g/100 mL) among standard tube feeds to maintain muscle mass¹⁻³

With eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) from fish oil in the recommended daily intake for adults for cardiovascular protection⁴⁻⁶



Diätetisches Lebensmittel für besondere medizinische Zwecke (Bilanzierter DME). Hochkalorische (2 kcal/ml), eiweißreiche Sondenernährung mit MCT, ballaststofffrei, glutenfrei, natrium- und laktosearm (CH; glutenfrei, natriumarm). D. Zur diätetischen Behandlung von Patienten mit hohem Eiweiß- und Energiebedarf und/oder Flüssigkeitsrestriktion bei bestehender oder drohender Mangelernährung oder Störungen der Nahrungsaufnahme. CH für die besondere Ernährungsberatung bei bestehender oder drohender Mangelernährung. Zur ausschließlichen Ernährung oder 1,0 l/Tag bei beginnender Sondenernährung einschließlich dosierten. Wichtige Hinweise: Nur unter medizinischer Kontrolle verwenden. Zur ausschließlichen oder ergänzenden Ernährung. Auf ausreichende Flüssigkeitszufuhr achten. Eine Koagulation (Ausfällung von Nährstoffpulver) im Verlaufe der Beobachtung. Bei längerer ausschließlicher Ernährung auf ausreichende Elektrolyt- und Vitaminsubstitution achten. Nicht geeignet für Kinder 1 Jahr. Bei Raumtemperatur lagern. Geöffnet innerhalb von 24 Std. aufbrauchen. Vor Gebrauch schütteln! Nicht verwenden bei beschleunigtem Abfalltemperatur oder koaguliertem Inhalt. Zutaten: Wasser, Glukosesirup, Milcheiweiß pflanzliche Öle, Maltodextrin, Maltodextrin, Kaliumcitrat, Fischöl, Emulgatoren (Soyalecithin, E 471), Scharrenregulator (E 507), Kaliumcarbonat, Natriumchlorid, Vit. C, Natriumcarbonat, Magnesiumoxid, Essigsäure, Zinksulfat, Niacin, Manganchlorid, Pantothensäure, Kupfersulfat, Natriumfluorid, Vit. B₁₂, Vit. B₆, Vit. B₁, Vit. A, Beta-Carotin, Folsäure, Chromchlorid, Natriummalolat, Natriumseleinit, Kaliumiodid, Vit. K₁, Biotin, Vit. D₃, Vit. B₉.

Food for special medical purposes. Nutritionally complete, high energy (2 kcal/ml), high protein tube feed with MCT, fibre free, low in sodium. Lactose and gluten free. For the dietary management of patients with high protein and energy needs and/or fluid restriction with or at risk of malnutrition. For complete nutrition 1.0 l/day. Increase slowly when commencing tube feeding. Important notes: Must be used under medical supervision. For total or supplementary nutrition. Assure adequate fluid intake. Coagulation in the digestive tract, e.g. due to drug interaction, may occur. Monitor carefully. In long-term complete nutrition assure adequate electrolyte intake. Not suitable for infants 1 year. Store at room temperature. Once opened, use within 24 hours. Shake well before use. Do not use if bag is damaged or swollen or content is coagulated. Ingredients: Water, glucose syrup, milk protein, vegetable oils, medium chain triglycerides (MCT), maltodextrin, potassium citrate, fish oil, emulsifiers (soya lecithin, E 471), acidity regulator (E 507), potassium carbonate, sodium chloride, vit. C, sodium carbonate, magnesium oxide, iron sulphate, zinc sulphate, niacin, manganese chloride, pantothenic acid, copper sulphate, sodium fluoride, vit. B₁₂, vit. B₆, vit. B₁, vit. A, β-carotene, folic acid, chromium chloride, sodium molybdate, sodium selenite, potassium iodide, vit. K₁, biotin, vit. D₃, vit. B₉.

Alimento dietético para usos médicos especiales. Alimentación por sonda nutricionalmente completa de alto valor energético (2 kcal/ml) y alto valor proteico con TCM y exceso de fibra. Bajo en sodio. Exento de gluten y lactosa (no apto para galactosémicos). Para el tratamiento dietético de pacientes con elevadas necesidades energéticas y proteicas y/o restricción de líquidos con o riesgo de desnutrición. Para alimentación completa 1.0 l/día. Incrementar lentamente la dosis al iniciar la alimentación. Aviso importante: Debe utilizarse bajo supervisión médica. Para una dieta completa o suplementaria. Asegure de que la ingesta de líquidos sea suficiente. Puede producirse coagulación en el tracto digestivo, por ejemplo a raíz de la interacción con medicamentos, debe monitorizarse. En una dieta completa a largo plazo se asegura la ingesta adecuada de electrolitos. No apropiada para niños 1 año. Almacenar a temperatura ambiente. Una vez abierto, usar en 24 horas. Agitar antes de usar. No usar si la bolsa está deteriorada o hinchada o el contenido está coagulado. Ingredientes: Agua, jarabe de glucosa, lactoproteínas, aceites vegetales, triglicéridos de cadena media (TCM), maltodextrina, citrato de potasio, cloruro de zinc, niacina, cloruro de manganeso, ácido pantoténico, sulfato de cobre, fluoruro de sodio, vit. B₁₂, vit. B₆, vit. B₁, vit. A, β-caroteno, ácido fólico, cloruro de cromo, moliérbido de sodio, selenito de sodio, ioduro de potasio, vit. K₁, biotina, vit. D₃, vit. B₉.

ALIMENTO DIETÉTICO DESTINADO A FINES MEDICINAS ESPECÍFICAS. Dieta por sonda nutricionalmente completa, hipercalórica (2 kcal/ml), hiperproteica, con TCM, isenta de fibra. Bajo teor de sodio. Isenta de gluten, clínicamente isenta de lactosa. Para a alimentação completa ou com restrição nutricional de líquidos com ou em risco de má-nutrição. Para nutrição completa 1.0 l/dia. Aumentar progressivamente a dose ao iniciar a alimentação. Notas importantes: Deve ser utilizado sob supervisão médica. Para nutrição total ou suplementar. Asegure uma ingestão adequada de líquidos. Pode ocorrer coagulação no tracto digestivo, por exemplo, devido a interação com medicamentos. Monitorizar cuidadosamente. Em nutrição completa de longa duração, assegure uma ingestão adequada de electrolitos. Não adequado a crianças com idade inferior a 1 ano. Manter à temperatura ambiente. Uma vez aberta a embalagem, utilizar num prazo de 24 horas. Agitar bem antes de usar! Não utilizar se a bolsa estiver danificada ou inchada ou o conteúdo coagulado. Ingredientes: Água, xarope de glicose, proteína do leite, óleos vegetais, triglicéridos de cadeia média (TCM), maltodextrina, citrato de potássio, dióxido de zinco, emulsionantes (lecitina de soja, E 471), regulador de acidez (E 507), carbonato de potássio, clorureto de sódio, vit. C, carbonato de sódio, óxido de manganésio, sulfato ferroso, sulfato de zinco, niacina, clorureto de manganésio, ácido pantoténico, sulfato cromo, fluorureto de sódio, vit. B₁₂, vit. B₆, vit. B₁, vit. A, β-caroteno, ácido fólico, clorureto de cromo, moliérbido de sódio, selenito de sódio, iodureto de potássio, vit. K₁, biotina, vit. D₃, vit. B₉.

*Glucidos EasyBag

Fresubin 2 kcal HP

Ready to use in 500 mL EasyBag



Nutritional Information

Average content		100 mL
Energy value		840
	(= kcal)	(200)
Fat (45% Energy)	g	10
of which saturated fatty acids	g	3.15
of which medium chain triglycerides	g	2.6
of which monounsaturated fatty acids	g	5.23
of which polyunsaturated fatty acids	g	1.62
of which EPA* + DHA**	g	0.07
Carbohydrate (35% Energy)	g	17.5
of which sugars	g	2.54
of which lactose	g	≤ 0.25
Fibre	g	0
Protein (20% Energy)	g	10
Salt (Na x 2.5)	g	0.15
Water	ml	72
Lactose Content	g	≤ 0.25
Gluten Content	ppm	≤ 5
Osmolarity	mosmol/l	395
Osmolality	mosmol/kg H ₂ O	560
Minerals and trace elements		
Sodium	mg/mmol	60/2.61
Potassium	mg/mmol	170/4.35
Chloride	mg/mmol	90/2.54
Calcium	mg/mmol	205/5.12
Magnesium	mg/mmol	20/0.82
Phosphorus	mg/mmol	120/3.87
Iron	mg	2.67
Zinc	mg	2.4
Copper	µg	267
Manganese	mg	0.53
Iodine	µg	26.7
Fluoride	mg	0.27
Chromium	µg	13.3
Molybdenum	µg	20
Selenium	µg	13.3
Vitamins		
Vitamin A	µg RE ^o	185
of which β-Carotene	µg RE ^o	45
Vitamin D ₃	µg	2.0
Vitamin E	mg α-TE ^{oo}	2.67
Vitamin K ₁	µg	13.3
Thiamine (Vitamin B ₁)	mg	0.27
Riboflavin (Vitamin B ₂)	mg	0.35
Niacin	mg/mg NE ^{ooo}	3.2/5.5
Vitamin B ₆	mg	0.32
Vitamin B ₁₂	µg	0.53
Pantothenic acid	mg	0.93
Biotin	µg	10
Folic acid	µg	53.3
Vitamin C	mg	13.3

*eicosapentaenoic acid (EPA), **docosahexaenoic acid (DHA)
^oretinol equivalents (RE), ^{oo}alpha-tocopherol equivalents (α-TE), ^{ooo}niacin equivalents (NE)

Prescribing information

Food for special medical purposes:

Nutritionally complete high-caloric (2.0 kcal/mL), high protein (20% energy) tube feed. Fresubin 2kcal HP is without fibre, high in mono-unsaturated fatty acids and with MCT.

Low in sodium, low in lactose and gluten. For the dietary management of patients with or at risk of disease related malnutrition, in particular with high protein and energy needs and / or fluid restrictions.

Dosage:

To be determined by a health care professional according to patients' needs. Recommendation for complete nutrition ≥ 1000 mL / day (2000 kcal).

Important notes:

To be used under medical supervision. Coagulation in the digestive tract, e.g. due to drug interaction, may occur. Monitor feeding rate. Suitable as sole source of nutrition. Not suitable for infants < 1 year. Use with caution in children < 6 years. Not suitable for patients with galactosaemia. Ensure adequate fluid and electrolyte intake. **Not for parenteral (I.V.) use!**

Instructions for use:

Recommended tube size: ≥ CH 5 for pump assisted feeding, ≥ CH 12 for gravity feeding. Store at room temperature. Once opened, use within 24 hours. Shake well before use! Do not use if bag is damaged or swollen or content is coagulated. Do not mix with drugs.

Contraindications:

Not suitable whenever enteral nutrition is not permitted such as in acute gastrointestinal bleeding, ileus and shock. Use with caution in severe organ failure with impaired metabolism and severe forms of malabsorption. Not suitable for patients with congenital inability to metabolise nutrients contained in Fresubin 2kcal HP.

Ingredients

Water, glucose syrup, milk protein, vegetable oils (rapeseed oil, sunflower oil), medium chain triglycerides (MCT), maltodextrin, potassium citrate, fish oil, emulsifiers (soya lecithin, E 471), acidity regulator (E 507), potassium carbonate, sodium chloride, vit. C, sodium carbonate, magnesium oxide, iron sulphate, zinc sulphate, niacin, manganese chloride, pantothenic acid, copper sulphate, sodium fluoride, vit. B2, vit. B6, vit. B1, vit. A, β-carotene, folic acid, chromium chloride, sodium molybdate, sodium selenite, potassium iodide, vit. K1, biotin, vit. D3, vit. B12.

Allergen Information: This product contains milk, soy and fish oil.

References

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