

# FRESUBIN® HP ENERGY FIBRE TUBE FEED



## DESCRIPTION

An unflavoured liquid consisting of protein (milk), fat (soya oil, MCT and fish oil), carbohydrate (maltodextrin), fibre (inulin, wheat dextrin, cellulose), vitamins, minerals and trace-elements

## PRESENTATION

Nutritionally complete tube feed, with fibre. 1.5kcal/ml energy density with 20% energy from protein. With fish oil, with adapted fat blend containing 57% of total fat (20% energy) from medium chain triglycerides (MCT). Suitable as a sole source of nutrition.

Presented in a 500ml and 1000ml EasyBag  
Gluten and lactose free.

## CONTRA-INDICATIONS

FOR ENTERAL USE ONLY  
NOT SUITABLE FOR CHILDREN UNDER 3 YEARS  
NOT SUITABLE FOR PATIENTS GALACTOSAEMIA

## PRECAUTIONS

TO BE USED UNDER MEDICAL SUPERVISION  
USE WITH CAUTION IN CHILDREN UNDER 6 YEARS OF AGE  
ENSURE ADEQUATE FLUID INTAKE  
DO NOT MIX WITH DRUGS

DO NOT USE IF BAG IS DAMAGED OR SWOLLEN  
OR CONTENT IS COAGULATED

MONITOR FEEDING RATE

## INDICATIONS FOR USE

For the dietary management of patients with or at risk of disease related malnutrition, in particular with increased energy and protein needs and/ or fluid restrictions and/or fat malabsorption.

Fresubin® HP Energy is a Food for Special Medical Purposes.

Fresubin® HP Energy is prescribable on FPIO/GPIO for the following indications: For the dietary management of disease related malnutrition, short bowel syndrome, intractable malabsorption, pre-operative preparation of malnourished patient, dysphagia, proven inflammatory bowel disease, following total gastrectomy, bowel fistula plus CAPD and haemodialysis.

## DOSAGE

Dosage should be calculated by a clinician or dietitian according to individual requirements.

As a guide: Recommendation for complete nutrition ≥1500ml (2250kcal) and meets the average adult recommended daily requirements for vitamins, minerals and trace-elements\*.

\*For nutrients excluding vitamin D: Dietary Reference values for Food, Energy and Nutrients for the United Kingdom, Department of Health 1991. For vitamin D: Scientific Advisory Committee in Nutrition. Vitamin D and Health 2016. For energy: Scientific Advisory Committee on Nutrition. Dietary Reference Values for Energy. TSO London, 2011

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## STORAGE

Store at room temperature.  
Once opened use within 24 hours.  
Shake well before use.

## SHELF LIFE

12 months from date of manufacture.

## ENERGY DISTRIBUTION

Protein 20%  
Fat 35%  
Carbohydrate 43%  
Fibre 2%

## ORDER CODES

500ml EasyBag 7092221  
1000ml EasyBag 7012231

## INGREDIENTS

Water, maltodextrin, edible sodium caseinate (from milk), medium chain triglycerides, milk protein, soya oil, whey protein (from milk), inulin, cellulose fibre, potassium citrate, wheat dextrin, fish oil, potassium chloride, sodium chloride, calcium chloride, choline chloride, sodium citrate, magnesium oxide, calcium phosphate, vitamin C, acidity regulator (E 330), magnesium citrate, emulsifier (E 471), zinc sulphate, ferric diphosphate, vitamin E, ferrous sulphate, niacin, manganese chloride, pantothenic acid, sodium fluoride, riboflavin, cupric sulphate, vitamin B<sub>6</sub>, thiamin, vitamin A, β-carotene, folic acid, chromium chloride, potassium iodide, sodium molybdate, sodium selenite, biotin, vitamin K, vitamin D, vitamin B<sub>12</sub>

Date of Preparation:  
December 2023

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NUTRITIONAL COMPOSITION	Per 100ml	Per 1500ml
ENERGY kcal (kJ)	150 (630)	2250 (9450)
PROTEIN g	7.5	113
CARBOHYDRATE g	16	243
Of which sugars g	1.0	17
Of which lactose g	≤0.1	≤1.5
FAT g	5.8	87
Of which saturated fatty acids g	3.7	56
Of which MCT g	3.3	50
Of which monounsaturated fatty acids g	0.6	9.0
Of which polyunsaturated fatty acids g	1.5	23
Of which EPA & DHA	0.05	0.75
FIBRE g	1.5	23
SALT g	0.24	3.6
WATER ml	76	1140
OSMOLARITY mosmol/l		360

MINERALS AND TRACE ELEMENTS	Per 100ml	Per 1500ml
SODIUM mg (mmol)	95 (4.13)	1425 (62)
POTASSIUM mg (mmol)	234 (5.98)	3510 (89.7)
CHLORIDE mg (mmol)	150 (4.23)	2250 (63.5)
CALCIUM mg (mmol)	80 (2)	1200 (30)
PHOSPHORUS mg (mmol)	63 (2.02)	945 (30.3)
MAGNESIUM mg (mmol)	27 (1.1)	400 (16.5)
IRON mg	1.3	20
ZINC mg	1.2	18
COPPER mg	0.13	2
MANGANESE mg	0.27	4
IODINE µg	13.3	200
CHROMIUM µg	6.7	100
MOLYBDENUM µg	10	150
FLUORIDE mg	0.13	2
SELENIUM µg	6.7	100

VITAMINS AND OTHER NUTRIENTS*	Per 100ml	Per 1500ml
VITAMIN A µgRE	92	1383
of which β- carotene µg RE	22	333
VITAMIN D <sub>3</sub> µg	1.3	20
VITAMIN E mgαTE	1.3	20
VITAMIN K <sub>1</sub> µg	6.7	100
THIAMIN mg	0.13	2
RIBOFLAVIN mg	0.17	2.6
NIACIN mg	1.6(3.3mgNE)	24(49mgNE)
VITAMIN B <sub>6</sub> mg	0.16	2.4
VITAMIN B <sub>12</sub> µg	0.27	4
PANTOTHENIC ACID mg	0.47	7
BIOTIN µg	5	75
FOLIC ACID µg	27	400
VITAMIN C mg	6.7	100
CHOLINE* mg	26.7	400

TYPICAL FATTY ACID PROFILE	g Per 100ml
C6 Caproic acid	0.01
C8 Caprylic acid	1.85
C10 Capric acid	1.24
C12 Lauric acid	0.01
C14 Myristic acid	0.01
C16 Palmitic acid	0.27
C16:1 ω-7 Palmitoleic acid	0.02
C18 Stearic acid	0.09
C18:1 ω-9 Oleic acid	0.50
C18:2 ω-6 Linoleic acid	1.21
C18:3 ω-3 alpha-Linolenic acid	0.13
C20:5 ω-3 Eicosapentaenoic acid	0.03
C22:6 ω-3 Docosahexaenoic acid	0.02
Other fatty acids from fish	0.01
Ratio ω-6:ω-3	6:1

TYPICAL AMINO ACID PROFILE	g Per 100ml
Histidine	0.25
Isoleucine	0.43
Leucine	0.87
Lysine	0.66
Methionine	0.23
Phenylalanine	0.39
Threonine	0.37
Tryptophan	0.10
Valine	0.55
Cysteine	0.08
Tyrosine	0.42
Glycine	0.16
Arginine	0.28
Proline	0.8
Aspartic acid and asparagine	0.66
Glutamic acid & glutamine	1.7
Alanine	0.33
Serine	0.46

TYPICAL CARBOHYDRATE PROFILE	g Per 100ml
Glucose	0.20
Fructose	0.03
Maltose	0.80
Saccharose	0.03
Lactose	≤0.1
Oligosaccharides and Polysaccharides	15
Starch	-