

Special Products

FLEXIBLE ENGINEERING

A30 peristaltic pump hose with a smooth outer cover

A range of precision hoses designed for multipurpose applications

Product description

A30 is a range of peristaltic pump hoses specially developed for high-impact resistance and rebound-resilience when handling abrasive and corrosive fluids and slurries. Multiple layers of high-strength rubber friction-coated cord reinforcement is incorporated to give stability under pressure and fatigue resistance; ensuring that the hose resumes its circular cross-section, without damage to the product or hose wall.

Sizes and lengths

Internal and external diameters and lengths are manufactured to order; to suit any pump size.

Applications

Animal feed, brewing, cement, ceramics, chemicals, chocolate, dairy products, food and beverage, glue, limestone, meat products, paint, paper making, pet food, pharmaceuticals, slurry, sugar refining, tobacco and water treatment.

Cover

Designed for high abrasion resistance and rebound-resilience; the outer surface is precision-machined perfectly smooth to reduce friction and control the critical outside diameter; to prevent damage from the pumps' rotating shoes.

- High-impact resistant
- Rebound-resilient
- Abrasives and corrosives
- Precision-machined cover

Lining	Suffix	Applications
Natural	-NR	Water, medium abrasives
White natural ²	-WNR	Food products FDA
Nitrile	-NBR	Fuel, oils
White nitrile ²	-WNBR	Oil-based food products FDA
Neoprene	-CR	Sea water, oil-based mud
EPDM	-EP	Chemicals, sea water
Hypalon	-CSM	Chemicals
Butyl	-IIR	Chemicals

Temperature range

Natural	-35°C to +70°C	Neoprene	-35°C to +90°C
Nitrile	-30°C to +95°C	Hypalon	-25°C to +130°C
EPDM	-45°C to +100°C	Butyl	-35°C to +120°C

Nominal physical data¹

Internal ³ diameter mm	Outside ³ diameter mm	Overall ³ length mm	Working pressure bar	Nominal weight kg
25	53	1010	15	2.3
32	60	1250	15	3.3
50	80	1850	15	7.5
65	100	2350	15	13.1
80	120	2790	15	21.2
100	144	3270	15	34.9
150	198	3500	15	57.1

¹ Nominal physical data is based on A30-NR. Consult JF Hose for the correct lining to suit your application.

² Food grade lining compound manufactured in accordance with FDA section 177.2600.
³ Other dimensions are available on request.

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