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GALVANISED STEEL RUBBER PACKED INTERLOCK



GALVANISED STEEL RUBBER PACKED INTERLOCK FLEXIBLE METAL HOSE

Galvanised Steel Rubber Packed Interlock combines the mechanical strength and flexibility of stripwound metal tubing with enhanced air-tightness provided by rubber packing between the interlocked metal profile.

The combination of flexible galvanised steel construction and rubber packing provides a durable hose with improved sealing for exhaust systems, pneumatic transfer, flexible ducting, extraction and protective applications.

Operating Temperature: -40°C to +130°C
Silicone Packing: Available on request for temperatures up to +250°C
Available Internal Diameters: 20mm to 457mm
Alternative Lengths: Available on request

Please note the diameters listed below are all **inside diameters. Please check this before ordering.*

We can manufacture alternative lengths, as required – please contact us for non-standard lengths.

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PRODUCT DETAILS

Galvanised Steel Rubber Packed Interlock – Product Details

Galvanised Steel Rubber Packed Interlock is a flexible stripwound metal hose designed to combine mechanical strength and flexibility with enhanced air-tightness.

Rubber packing is positioned between the interlocked metal profile, providing improved sealing while retaining the flexibility and durability of stripwound metal tubing.

Key Features

- Galvanised steel interlocked metal hose construction
- Rubber packing between the interlocked metal profile
- Enhanced air-tightness
- Improved sealing
- Flexible and durable construction
- Operating temperature from -40°C to +130°C
- Silicone packing available on request for temperatures up to +250°C
- Available in internal diameters from 20mm to 457mm
- Alternative lengths can be manufactured on request

All listed hose diameters refer to the internal diameter (ID).

Manufacturing Tolerances

For metallic tubing up to and including 76mm ID, the manufacturing tolerance is +0.5mm / -0.0mm.

For metallic tubing over 76mm ID, the manufacturing tolerance is +1.0mm / -0.0mm.

TECHNICAL DATA

Manufacturing tolerances – All metallic tubing is manufactured to ID sizes, tolerances are + 0.5mm, – 0.0mm – up to 76mm ID, + 1.0mm, – 0.0mm – anything over 76mm ID.

I/D INCHES	I/D MM	O/D MM	INSIDE BEND RADIUS	WEIGHTS (KG) PER 100M
3/4″	20	24	100	63
7/8″	22	26	104	70
1″	25	29	109	76
1.1/8″	28	32	116	84
1.1/4″	32	36	125	97

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1.3/8″	35	39	96	111
1.1/2″	38	42	105	119
1.5/8″	41	45	114	127
1.3/4″	45	49	123	135
1.7/8″	48	52	131	143
2″	51	55	140	150
2.1/8″	54	58	149	158
2.1/4″	57	61	157	166
2.3/8″	60	64	166	174
2.1/2″	63	67	175	182
2.3/4″	70	74	193	198
3″	76	82	265	213
3.1/8″	79	85	273	221
3.1/4″	83	89	280	229
3.3/8″	86	92	288	237
3.1/2″	89	95	295	245
3.5/8″	92	98	303	252
3.3/4″	95	101	310	260
3.7/8″	98	104	318	268
4″	102	108	332	276
4.1/4″	108	114	347	292
4.1/2″	114	120	358	307
4.3/4″	121	127	372	322
5″	127	133	386	336
5.1/2″	140	146	413	364
6″	152	158	441	394
7″	178	184	500	453

8″	203	209	559	514
9″	229	235	618	573
10″	254	260	678	635
11″	279	285	737	693
12″	305	311	855	756
13″	330	336	914	814
14″	356	362	974	873
15″	381	387	1034	933
16″	406	412	1094	994
17″	432	438	1154	1054
18″	457	463	1214	1114

APPLICATIONS

Galvanised Steel Rubber Packed Interlock Hose Applications

Galvanised Steel Rubber Packed Interlock is suitable for a range of exhaust, material transfer, ducting and protective applications where flexibility and enhanced leak-tightness are required.

Typical applications include:

- **Engine & Generator Exhaust Systems** – suitable for exhaust systems within the automotive and power generation sectors
- **Pneumatic Transfer Lines** – suitable for transferring powders, pellets, grains and other bulk materials in industrial plants or transport vehicles
- **Flexible Ducting** – suitable for ventilation, air extraction and fume control where enhanced leak-tightness is required
- **Protective Sheathing** – suitable for protecting cables, sensor wires or hydraulic lines in environments subject to vibration, impact or heat
- **Hose & Assembly Liners** – can be used as a liner within other hoses or corrugated hose assemblies to provide additional abrasion resistance or act as a bend restrictor

FAQS

Frequently Asked Questions About Galvanised Rubber Packed Interlock

What is Galvanised Steel Rubber Packed Interlock?

Galvanised Steel Rubber Packed Interlock is a flexible stripwound metal hose with rubber packing positioned between the interlocked metal profile. This combines the mechanical strength and flexibility of metal tubing with enhanced air-tightness and improved sealing.

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What is the operating temperature of Galvanised Rubber Packed Interlock?

The standard operating temperature range is -40°C to +130°C.

Is a higher temperature packing available?

Yes. Silicone packing is available on request for applications requiring temperatures up to +250°C.

Is Galvanised Rubber Packed Interlock suitable for exhaust systems?

Yes. Typical applications include engine and generator exhaust systems within the automotive and power generation sectors.

Can it be used for pneumatic material transfer?

Yes. Galvanised Rubber Packed Interlock is suitable for pneumatic transfer lines carrying powders, pellets, grains and other bulk materials in industrial plants or transport vehicles.

Can it be used for ventilation and extraction?

Yes. It can be used as flexible ducting for ventilation, air extraction and fume control where enhanced leak-tightness is required.

Can Galvanised Rubber Packed Interlock be used as protective sheathing?

Yes. It can be used as a protective sheath for cables, sensor wires or hydraulic lines in environments subject to vibration, impact or heat.

Can it be used as a liner within another hose?

Yes. Galvanised Rubber Packed Interlock can be used as a liner in other hoses or corrugated hose assemblies to provide additional abrasion resistance or act as a bend restrictor.

What sizes are available?

The technical data covers internal diameters from 20mm to 457mm. All listed diameters refer to the inside diameter (ID).

Can alternative lengths be manufactured?

Yes. Whitehouse can manufacture alternative lengths as required. Contact Whitehouse for non-standard lengths.