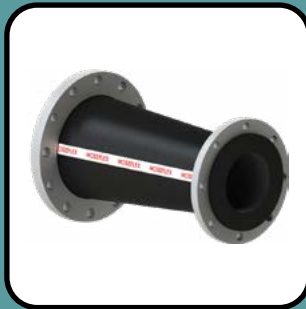
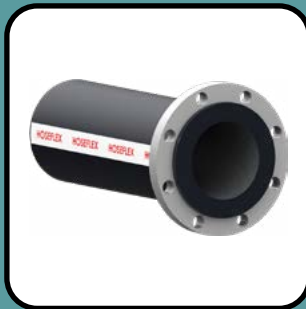




HOSEFLEX® MINING HOSE

Company Profile



Pacific Hoseflex is a leading Australian manufacturer and distributor of flexible hose assemblies, expansion joints, fittings, piping and custom-engineered fluid transfer systems. Proudly Australian-owned and operated, we've supported critical industries across Australia and overseas for over 30 years with certified, high-performance hose solutions.

Our Credentials

We are certified to international standards, including NATA, ISO 9001, ISO 14001, ISO 45001, and ISO 17025, as well as holding Australian Gas Association Activfire and WaterMark certifications.

Each year, Pacific Hoseflex completes detailed audits by at least four independent accreditation bodies, ensuring continuous improvement of our well-established management systems.

This rigorous oversight provides customers with confidence in our commitment to maintaining the highest standards of quality and control.



What we do

Pacific Hoseflex helps clients design and manufacture fluid transfer products to ensure their facilities and systems operate at full capacity.

What we believe

We believe fluid transfer solutions shouldn't be a problem, they should solve problems. The right solution should help keep our clients' facilities and systems operating safely, efficiently, and at full capacity.

Why we do it

We exist to solve our customers' fluid transfer challenges with solutions that are reliable, flexible, and efficient.

Our Track Record

For over 30 years Pacific Hoseflex has been delivering high-quality fluid transfer solutions to some of the world's foremost companies across industries including oil & gas, mining, food & beverage, defence, and manufacturing. Our commitment to precision engineering, compliance with international standards, and stringent quality control has earned us the trust of major global brands who rely on us for performance, reliability, and safety.



We deliver end-to-end project support from concept design and fabrication to testing, certification, and on-site delivery with fast turnaround and full compliance at every step.

We specialise in:

- Stainless steel and PTFE hose assemblies
- Expansion joints and compensators
- Composite and gas transfer hoses
- Pipe spooling and custom fabrication
- High-pressure testing and certification
- Hose tagging and asset management
- CAD modelling and engineering support
- Cleanroom assembly for hydrogen/oxygen service

Proprietary Products

VITALFLEX®

Our VITALFLEX® hoses are built to withstand extreme pressures, deliver exceptional performance and flexibility in the most demanding environments worldwide.



VAPFLEX®

Engineered for Coal Seam Gas (CSG), Liquefied Petroleum Gas (LPG), Natural Gas, and Town Gas Vapflex® is the gold standard for safe and efficient gas transfer.



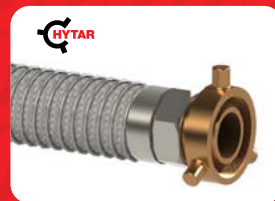
SLICKFLEX®

The SLICKFLEX® Smoothbore/Convolute hose combines innovation, versatility, and superior performance to meet the demands of the industrial and pharmaceutical industries.



HYTAR®

Designed specifically for bitumen transfer hoses, our HYTAR fittings range integrates seamlessly with our VITALFLEX® Bitumen Hose convolute and interlocked assemblies.



SILVERSLAKE®

The most advanced high-pressure hose on the market. Silversnake® hoses outperform expectations with its exceptional routability, tight bend radius, and reduced outer diameter.



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RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Hard-Wall Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Slurry and water transfer, dewatering and tailings pipelines as well as transfer of chemicals, hydrocarbons and acids.

End connections:

Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

Bend Radius - Based on 700Kpa.

Max Working Pressure - Determined by construction and fitting/flange design

Lengths - Can be made up to 10 meters

Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Min Bend Radius	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	mm	Dia
50	2	50.8	4.5	1/6	6	1/4	100	700	102	6000	870	410	8
80	3	76.2	4.5	1/6	6	1/4	100	700	102	6000	870	610	8
100	4	101.6	6	1/4	9	1/3	100	700	102	6000	870	810	8
125	5	127	6	1/4	9	1/3	100	700	102	6000	870	1020	8
150	6	152.4	6	1/4	9	1/3	100	700	102	6000	870	1220	8
200	8	203.2	6	1/4	9	1/3	100	700	102	5000	725	1630	8
250	10	254	6	1/4	12	1/2	100	700	102	5000	725	2540	10
300	12	304.8	6	1/4	12	1/2	100	700	102	5000	725	3050	10
350	14	355.6	9	1/3	15	3/5	100	700	102	4000	580	3560	10
400	16	406.4	9	1/3	15	3/5	100	700	102	3500	508	4060	10
450	18	457.2	9	1/3	18	5/7	100	700	102	3000	435	5490	12
500	20	508	9	1/3	18	5/7	100	700	102	3000	435	6100	12
550	22	558.8	9	1/3	21	5/6	100	700	102	3000	435	7820	14
600	24	610	12	1/2	21	5/6	100	700	102	2500	363	8540	14
650	26	660.4	12	1/2	21	5/6	100	700	102	2500	363	10570	16
700	28	700	12	1/2	24	1	100	700	102	2000	290	11200	16
750	30	750	12	1/2	24	1	100	700	102	2000	290	12000	16
800	32	800	15	3/5	24	1	100	700	102	1800	261	12800	16
900	36	900	15	3/5	24	1	100	700	102	1800	261	14400	16
1000	40	1000	15	3/5	27	1	100	700	102	1500	218	16000	16
1100	44	1100	15	3/5	27	1	100	700	102	1000	145	17600	16
1200	48	1200	15	3/5	27	1	100	700	102	1000	145	19200	16

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Soft Wall Hoseflex® Mining Hose

Part No: IH-RWCS

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Synthetic fabric

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility	☐	☒	☒
Cycle Life	☐	☐	☒
Pressure Rating	☐	☒	☐
Chemical Resistance	☐	☒	☐
Wall Thickness	☐	☐	☒

Construction

Use:

Slurry and water transfer, dewatering and tailings pipelines as well as transfer of chemicals, hydrocarbons and acids.

End connections:

Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

Max Liner thickness is gauged by flange pattern

Max Working Pressure - Determined by construction and fitting/flange design

No Bend radius advised for non wire reinforced hose

Lengths - Can be made up to 10 meters

Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI
50	2	50.8	4.5	1/6	6	1/4	n/a	700	102	6000	870
80	3	76.2	4.5	1/6	6	1/4	n/a	700	102	6000	870
100	4	101.6	6	1/4	9	1/3	n/a	700	102	6000	870
125	5	127	6	1/4	9	1/3	n/a	700	102	6000	870
150	6	152.4	6	1/4	9	1/3	n/a	700	102	6000	870
200	8	203.2	6	1/4	9	1/3	n/a	700	102	5000	725
250	10	254	6	1/4	12	1/2	n/a	700	102	5000	725
300	12	304.8	6	1/4	12	1/2	n/a	700	102	5000	725
350	14	355.6	9	1/3	15	3/5	n/a	700	102	4000	580
400	16	406.4	9	1/3	15	3/5	n/a	700	102	3500	508
450	18	457.2	9	1/3	18	5/7	n/a	700	102	3000	435
500	20	508	9	1/3	18	5/7	n/a	700	102	3000	435
550	22	558.8	9	1/3	21	5/6	n/a	700	102	3000	435
600	24	610	12	1/2	21	5/6	n/a	700	102	2500	363
650	26	660.4	12	1/2	21	5/6	n/a	700	102	2500	363
700	28	700	12	1/2	24	1	n/a	700	102	2000	290
750	30	750	12	1/2	24	1	n/a	700	102	2000	290
800	32	800	15	3/5	24	1	n/a	700	102	1800	261
900	36	900	15	3/5	24	1	n/a	700	102	1800	261
1000	40	1000	15	3/5	27	1	n/a	700	102	1500	218
1100	44	1100	15	3/5	27	1	n/a	700	102	1000	145
1200	48	1200	15	3/5	27	1	n/a	700	102	1000	145

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Ceramic Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Ceramic mining hose is designed to be extremely resistant to abrasion even in high material flows and speeds, preventing material build-up. The ideal solution for high wearing mining and aggregates applications.

Used in slurry and water transfer, dewatering and tailings pipelines as well as transfer of chemicals, hydrocarbons and acids.

Lengths - Can be made up to 10 meters

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Specifications

Hose Size			Standard Linear Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Min Bend Radius	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	mm	Dia
50	2	50.8	4.5	1/6	6	1/4	100	700	102	6000	870	410	8
80	3	76.2	4.5	1/6	6	1/4	100	700	102	6000	870	610	8
100	4	101.6	6	1/4	9	1/3	100	700	102	6000	870	810	8
125	5	127	6	1/4	9	1/3	100	700	102	6000	870	1020	8
150	6	152.4	6	1/4	9	1/3	100	700	102	6000	870	1220	8
200	8	203.2	6	1/4	9	1/3	100	700	102	5000	725	1630	8
250	10	254	6	1/4	12	1/2	100	700	102	5000	725	2540	10
300	12	304.8	6	1/4	12	1/2	100	700	102	5000	725	3050	10
350	14	355.6	9	1/3	15	3/5	100	700	102	4000	580	3560	10
400	16	406.4	9	1/3	15	3/5	100	700	102	3500	508	4060	10
450	18	457.2	9	1/3	18	5/7	100	700	102	3000	435	5490	12
500	20	508	9	1/3	18	5/7	100	700	102	3000	435	6100	12
550	22	558.8	9	1/3	21	5/6	100	700	102	3000	435	7820	14
600	24	610	12	1/2	21	5/6	100	700	102	2500	363	8540	14
650	26	660.4	12	1/2	21	5/6	100	700	102	2500	363	10570	16
700	28	700	12	1/2	24	1	100	700	102	2000	290	11200	16
750	30	750	12	1/2	24	1	100	700	102	2000	290	12000	16
800	32	800	15	3/5	24	1	100	700	102	1800	261	12800	16
900	36	900	15	3/5	24	1	100	700	102	1800	261	14400	16
1000	40	1000	15	3/5	27	1	100	700	102	1500	218	16000	16
1100	44	1100	15	3/5	27	1	100	700	102	1000	145	17600	16
1200	48	1200	15	3/5	27	1	100	700	102	1000	145	19200	16

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Pre-Formed Bend Hoseflex® Mining Hose

Colour: Black

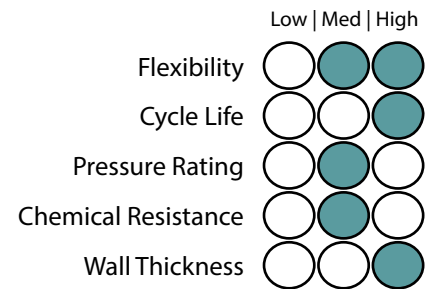
Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C



Construction

Use: Designed for suction and discharge duties. Used for tight bend radius allowing movement and misalignment. Applications include slurry and water transfer, dewatering and tailings pipelines as well as transfer of chemicals, hydrocarbons and acids.

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

The design is based on a 90 Degree Bend

The Bends are built on the radius, straights ends can be added in design state.

Specifications

Hose Size		Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Standard Centreline Radius		
in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	1.5D mm	3D mm	5D mm
2	50.8	4.5	1/6	6	1/4	100	700	102	2500	363	60	120	199
3	76.2	4.5	1/6	6	1/4	100	700	102	2500	363	90	179	299
4	101.6	6	1/4	9	3/8	100	700	102	2500	363	120	239	399
5	127	6	1/4	9	3/8	100	700	102	2500	363	150	299	498
6	152.4	6	1/4	9	3/8	100	700	102	2500	363	179	359	598
8	203.2	6	1/4	9	3/8	100	700	102	2500	363	239	479	798
10	254	6	1/4	12	1/2	100	700	102	2500	363	299	598	997
12	304.8	6	1/4	12	1/2	100	700	102	2500	363	359	718	1196
14	355.6	9	3/8	15	3/5	100	700	102	2500	363	419	837	1396
16	406.4	9	3/8	15	3/5	100	700	102	2500	363	479	957	1595
18	457.2	9	3/8	18	5/7	100	700	102	2500	363	538	1077	1795
20	508	9	3/8	18	5/7	100	700	102	2500	363	598	1196	1994
22	558.8	9	3/8	21	5/6	100	700	102	2500	363	658	1316	2193
24	610	12	1/2	21	5/6	100	350	51	2500	363	718	1437	2394
26	660.4	12	1/2	21	5/6	100	350	51	2000	290	778	1555	2592
28	700	12	1/2	24	1	100	350	51	2000	290	824	1649	2748
30	750	12	1/2	24	1	100	350	51	2000	290	883	1766	2944
32	800	15	3/5	24	1	100	350	51	1500	218	942	1884	3140
36	900	15	3/5	24	1	100	350	51	1000	145	1060	2120	3533
40	1000	15	3/5	27	1	100	350	51	1000	145	1178	2355	3925
44	1100	15	3/5	27	1	100	350	51	1000	145	1295	2591	4318
48	1200	15	3/5	27	1	100	350	51	1000	145	1413	2826	4710

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Pre-formed Bend Hoseflex® Ceramic Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN80 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use: Designed for suction and discharge duties. Used for tight bend radius allowing movement and misalignment. Applications include slurry and water transfer, dewatering and tailings pipelines as well as transfer of chemicals, hydrocarbons and acids. Ceramic preformed bend mining hose is designed to be extremely resistant to abrasion even in high material flows and speeds, preventing material build-up. The ideal solution for high wearing mining and aggregates applications.

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

The design is based on a 90 Degree Bend

The Bends are built on the radius, straights ends can be added in design state

Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Standard Centreline Radius			
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	1D mm	1.5D mm	3D mm	5D mm
80	3	76.2	4.5	1/6	6	1/4	100	700	102	2500	363	n/a	90	179	299
100	4	101.6	6	1/4	9	1/3	100	700	102	2500	363	n/a	120	239	399
125	5	127	6	1/4	9	1/3	100	700	102	2500	363	n/a	150	299	498
150	6	152.4	6	1/4	9	1/3	100	700	102	2500	363	n/a	179	359	598
200	8	203.2	6	1/4	9	1/3	100	700	102	2500	363	n/a	239	479	798
250	10	254	6	1/4	12	1/2	100	700	102	2500	363	n/a	299	598	997
300	12	304.8	6	1/4	12	1/2	100	700	102	2500	363	n/a	359	718	1196
350	14	355.6	9	1/3	15	3/5	100	700	102	2500	363	n/a	419	837	1396
400	16	406.4	9	1/3	15	3/5	100	700	102	2500	363	n/a	479	957	1595
450	18	457.2	9	1/3	18	5/7	100	700	102	2500	363	n/a	538	1077	1795
500	20	508	9	1/3	18	5/7	100	700	102	2500	363	n/a	598	1196	1994
550	22	558.8	9	1/3	21	5/6	100	700	102	2500	363	n/a	658	1316	2193
600	24	610	12	1/2	21	5/6	100	350	51	2500	363	n/a	718	1437	2394
650	26	660.4	12	1/2	21	5/6	100	350	51	2000	290	n/a	778	1555	2592
700	28	700	12	1/2	24	1	100	350	51	2000	290	n/a	824	1649	2748
750	30	750	12	1/2	24	1	100	350	51	2000	290	n/a	883	1766	2944
800	32	800	15	3/5	24	1	100	350	51	1500	218	n/a	942	1884	3140
900	36	900	15	3/5	24	1	100	350	51	1000	145	n/a	1060	2120	3533
1000	40	1000	15	3/5	27	1	100	350	51	1000	145	n/a	1178	2355	3925
1100	44	1100	15	3/5	27	1	100	350	51	1000	145	n/a	1295	2591	4318
1200	48	1200	15	3/5	27	1	100	350	51	1000	145	n/a	1413	2826	4710

9
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RUBBER & COMPOSITE HOSE

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Reducer Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

Low | Med | High

Flexibility ☐ ☒ ☐

Cycle Life ☐ ☐ ☒

Pressure Rating ☐ ☒ ☐

Chemical Resistance ☐ ☒ ☐

Wall Thickness ☐ ☐ ☒

Construction

Use: Used in connecting varying sizes of pipework. Prodomentialy used in pump suction and discharge. Applications include slurry or water transfer in mineral processing plants, tailings pipelines and dewatering.

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

We have left off lengths, there is nothing standard we have ever come across Rubber gauges, these are often much heavier in gauge across the wear points (reducing area)

Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI
50	2	50.8	4.5	1/6	6	1/4	100	700	102	3000	435
80	3	76.2	4.5	1/6	6	1/4	100	700	102	3000	435
100	4	101.6	6	1/4	9	1/3	100	700	102	3000	435
125	5	127	6	1/4	9	1/3	100	700	102	3000	435
150	6	152.4	6	1/4	9	1/3	100	700	102	3000	435
200	8	203.2	6	1/4	9	1/3	100	700	102	2500	363
250	10	254	6	1/4	12	1/2	100	700	102	2500	363
300	12	304.8	6	1/4	12	1/2	100	700	102	2500	363
350	14	355.6	9	1/3	15	3/5	100	700	102	2000	290
400	16	406.4	9	1/3	15	3/5	100	700	102	1750	254
450	18	457.2	9	1/3	18	5/7	100	700	102	1500	218
500	20	508	9	1/3	18	5/7	100	700	102	1500	218
550	22	558.8	9	1/3	21	5/6	100	700	102	1500	218
600	24	610	12	1/2	21	5/6	100	700	102	1250	181
650	26	660.4	12	1/2	21	5/6	100	700	102	1250	181
700	28	700	12	1/2	24	1	100	700	102	1000	145
750	30	750	12	1/2	24	1	100	700	102	1000	145
800	32	800	15	3/5	24	1	100	700	102	900	131
900	36	900	15	3/5	24	1	100	700	102	900	131
1000	40	1000	15	3/5	27	1	100	700	102	750	109
1100	44	1100	15	3/5	27	1	100	700	102	500	73
1200	48	1200	15	3/5	27	1	100	700	102	500	73

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Reducer Ceramic Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN80 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use: Used in connecting varying sizes of pipework. Prodromentially used in pump suction and discharge. Applications include slurry or water transfer in mineral processing plants, tailings pipelines and dewatering.

Ceramic reducer mining hose is designed to be extremely resistant to abrasion even in high material flows and speeds, preventing material build-up. The ideal solution for high wearing mining and aggregates applications.

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

We have left off lengths, there is nothing standard we have ever come across
Rubber gauges, these are often much heavier in gauge across the wear points (reducing area)

Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Standard Centreline Radius		
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	1.5D mm	3D mm	5D mm
50	2	50.8	4.5	1/6	6	1/4	100	700	102	2500	363	60	120	199
80	3	76.2	4.5	1/6	6	1/4	100	700	102	2500	363	90	179	299
100	4	101.6	6	1/4	9	1/3	100	700	102	2500	363	120	239	399
125	5	127	6	1/4	9	1/3	100	700	102	2500	363	150	299	498
150	6	152.4	6	1/4	9	1/3	100	700	102	2500	363	179	359	598
200	8	203.2	6	1/4	9	1/3	100	700	102	2500	363	239	479	798
250	10	254	6	1/4	12	1/2	100	700	102	2500	363	299	598	997
300	12	304.8	6	1/4	12	1/2	100	700	102	2500	363	359	718	1196
350	14	355.6	9	1/3	15	3/5	100	700	102	2500	363	419	837	1396
400	16	406.4	9	1/3	15	3/5	100	700	102	2500	363	479	957	1595
450	18	457.2	9	1/3	18	5/7	100	700	102	2500	363	538	1077	1795
500	20	508	9	1/3	18	5/7	100	700	102	2500	363	598	1196	1994
550	22	558.8	9	1/3	21	5/6	100	700	102	2500	363	658	1316	2193
600	24	610	12	1/2	21	5/6	100	350	51	2500	363	718	1437	2394
650	26	660.4	12	1/2	21	5/6	100	350	51	2000	290	778	1555	2592
700	28	700	12	1/2	24	1	100	350	51	2000	290	824	1649	2748
750	30	750	12	1/2	24	1	100	350	51	2000	290	883	1766	2944
800	32	800	15	3/5	24	1	100	350	51	1500	218	942	1884	3140
900	36	900	15	3/5	24	1	100	350	51	1000	145	1060	2120	3533
1000	40	1000	15	3/5	27	1	100	350	51	1000	145	1178	2355	3925
1100	44	1100	15	3/5	27	1	100	350	51	1000	145	1295	2591	4318
1200	48	1200	15	3/5	27	1	100	350	51	1000	145	1413	2826	4710

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Y Piece Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Y piece mining hose used in connecting one pipeline into two pipelines or vice versa. Fully customised to suit your existing pipe work. Suitable for both suction and discharge duties. Applications include slurry or water transfer in mineral processing plants, tailings pipelines and dewatering.

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI
50	2	50.8	4.5	1/6	6	1/4	100	700	102	3000	435
80	3	76.2	4.5	1/6	6	1/4	100	700	102	3000	435
100	4	101.6	6	1/4	9	1/3	100	700	102	3000	435
125	5	127	6	1/4	9	1/3	100	700	102	3000	435
150	6	152.4	6	1/4	9	1/3	100	700	102	3000	435
200	8	203.2	6	1/4	9	1/3	100	700	102	2500	363
250	10	254	6	1/4	12	1/2	100	700	102	2500	363
300	12	304.8	6	1/4	12	1/2	100	700	102	2500	363
350	14	355.6	9	1/3	15	3/5	100	700	102	2000	290
400	16	406.4	9	1/3	15	3/5	100	700	102	1750	254
450	18	457.2	9	1/3	18	5/7	100	700	102	1500	218
500	20	508	9	1/3	18	5/7	100	700	102	1500	218
550	22	558.8	9	1/3	21	5/6	100	700	102	1500	218
600	24	610	12	1/2	21	5/6	100	700	102	1250	181
650	26	660.4	12	1/2	21	5/6	100	700	102	1250	181
700	28	700	12	1/2	24	1	100	700	102	1000	145
750	30	750	12	1/2	24	1	100	700	102	1000	145
800	32	800	15	3/5	24	1	100	700	102	900	131
900	36	900	15	3/5	24	1	100	700	102	900	131
1000	40	1000	15	3/5	27	1	100	700	102	750	109
1100	44	1100	15	3/5	27	1	100	700	102	500	73
1200	48	1200	15	3/5	27	1	100	700	102	500	73

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Y Piece Hard Wall Hoseflex® Mining Hose

Part No: IH-RWCS

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN80 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Y piece mining hose used in connecting one pipeline into two pipelines or vice versa. Fully customised to suit your existing pipe work. Suitable for both suction and discharge duties. Applications include slurry or water transfer in mineral processing plants, tailings pipelines and dewatering.

Ceramic Y piece mining hose is designed to be extremely resistant to abrasion even in high material flows and speeds, preventing material build-up. The ideal solution for high wearing mining and aggregates applications.

End connections:

Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Specifications

Hose Size			Standard Liner Thickness		Max Liner		Vacuum Rating	Standard Working Pressure		Max Working Pressure	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI
80	3	76.2	4.5	1/6	6	1/4	100	700	102	3000	435
100	4	101.6	6	1/4	9	1/3	100	700	102	3000	435
125	5	127	6	1/4	9	1/3	100	700	102	3000	435
150	6	152.4	6	1/4	9	1/3	100	700	102	3000	435
200	8	203.2	6	1/4	9	1/3	100	700	102	2500	363
250	10	254	6	1/4	12	1/2	100	700	102	2500	363
300	12	304.8	6	1/4	12	1/2	100	700	102	2500	363
350	14	355.6	9	1/3	15	3/5	100	700	102	2000	290
400	16	406.4	9	1/3	15	3/5	100	700	102	1750	254
450	18	457.2	9	1/3	18	5/7	100	700	102	1500	218
500	20	508	9	1/3	18	5/7	100	700	102	1500	218
550	22	558.8	9	1/3	21	5/6	100	700	102	1500	218
600	24	610	12	1/2	21	5/6	100	700	102	1250	181
650	26	660.4	12	1/2	21	5/6	100	700	102	1250	181
700	28	700	12	1/2	24	1	100	700	102	1000	145
750	30	750	12	1/2	24	1	100	700	102	1000	145
800	32	800	15	3/5	24	1	100	700	102	900	131
900	36	900	15	3/5	24	1	100	700	102	900	131
1000	40	1000	15	3/5	27	1	100	700	102	750	109
1100	44	1100	15	3/5	27	1	100	700	102	500	73
1200	48	1200	15	3/5	27	1	100	700	102	500	73

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Hard Wall Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix.

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

A hard wall hose used in applications which require a tight bend radius. Suitable for both suction and discharge duty.

Lengths - Can be made up to 10 meters

End connections:

Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Specifications

Hose Size			Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Min Bend Radius	
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	mm	Dia
50	2	50.8	4.5	1/6	6	1/4	100	700	102	2000	290	200	4.00
80	3	76.2	4.5	1/6	6	1/4	100	700	102	2000	290	300	4.00
100	4	101.6	6	1/4	9	1/3	100	700	102	2000	290	410	4.00
125	5	127	6	1/4	9	1/3	100	700	102	2000	290	510	4.00
150	6	152.4	6	1/4	9	1/3	100	700	102	2000	290	610	4.00
200	8	203.2	6	1/4	9	1/3	100	700	102	2000	290	1220	6.00
250	10	254	6	1/4	12	1/2	100	700	102	2000	290	1520	6.00
300	12	304.8	6	1/4	12	1/2	100	700	102	2000	290	1830	6.00
350	14	355.6	9	1/3	15	3/5	100	700	102	1750	254	2840	8.00
400	16	406.4	9	1/3	15	3/5	100	700	102	1750	254	3250	8.00
450	18	457.2	9	1/3	18	5/7	100	700	102	1750	254	3660	8.00
500	20	508	9	1/3	18	5/7	100	700	102	1750	254	5080	10.00
550	22	558.8	9	1/3	21	5/6	100	700	102	1750	254	5590	10.00
600	24	610	12	1/2	21	5/6	100	700	102	1500	218	7320	12.00
650	26	660.4	12	1/2	21	5/6	100	700	102	1500	218	7920	12.00
700	28	700	12	1/2	24	1	100	700	102	1500	218	11200	16.00
750	30	750	12	1/2	24	1	100	700	102	1500	218	12000	16.00
800	32	800	15	3/5	24	1	100	350	51	1500	218	12.800	16.00
900	36	900	15	3/5	24	1	100	350	51	1800	261	14400	16.00
1000	40	1000	15	3/5	27	1	100	350	51	1000	145	16000	16.00
1100	44	1100	15	3/5	27	1	100	350	51	1000	145	17600	16.00
1200	48	1200	15	3/5	27	1	100	350	51	1000	145	19200	16.00

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Muff Coupling Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN350

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Suitable for suction and discharge duty. Used in the transfer of slurry and water transfer, dewatering and tailings pipelines.

Lengths DN 50-100: Can be made up to 40 meters

Lengths DN 125-150: Can be made up to 20 meters

Lengths DN 250-350: Can be made up to 12 meters



Specifications

Hose Size			Standard Liner Thickness		Vacuum Rating	Standard Working Pressure		Min Bend Radius		
DN	in	mm	mm	in	%	kPa	PSI	M	FT	X Dia
50	2	50.8	6	1/4	100	700	100	0.30	0.96	6
80	3	76.2	6	1/4	100	700	100	0.61	1.91	8
100	4	101.6	6	1/4	100	700	100	0.81	2.55	8
125	5	127	6	1/4	100	700	100	1.02	3.19	8
150	6	152.4	6	1/4	100	700	100	1.22	3.83	8
200	8	203.2	6	1/4	100	700	100	1.63	5.1	8
250	10	254	9	1/3	100	700	100	2.54	7.98	10
300	12	304.8	9	1/3	100	700	100	3.66	11.48	12
350	14	355.6	12	1/2	100	700	100	4.98	15.63	14

Applications



Rubber Hose - Mining

Sand & Shot Blast Suction/Discharge Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant (S A R) Rubber

Cover: NR/BR blend Super Abrasion Resistant (S A R) Rubber

Reinforcement: Spiral Synthetic Fabric

Size Available: 1/2" - 3"

Temperature: -30°C +70°C

Low | Med | High

Flexibility   

Cycle Life   

Pressure Rating   

Chemical Resistance   

Wall Thickness   

Construction

Use:

Used for suction or discharge of water and light slurry



Specifications

	Size		Max. Working Pressure		Weight
	inch	O.D (mm)	PSI	kPa	Kg/m
IH-SSB-12	1/2"	33	150	1034	0.98
IH-SB-20	3/4"	40	150	1034	1.23
IH-SSB-25	1"	48	150	1034	1.72
IH-SSB-32	1 1/4"	55	150	1034	2.06
IH-SSB-28	1 1/2"	61	150	1034	2.29
IH-SSB-50	2"	76	150	1034	3.14
IH-SSB-80	3"	103	150	1034	4.62

End Connections



Beaded (Rotating) Flanges



Fixed Flanges



Double Flanges



Spigot Flanges

Applications



Rubber Hose - Mining

Contractors Suction

Part No: IH-RWCS

Colour: Black

Tube: Black smooth synthetic rubber.

Cover: Black corrugated synthetic rubber, abrasion and weather resistant.

Reinforcement: Plies of high strength synthetic cord incorporating a steel wire helix.

Size Available: 76mm - 305mm

Temperature: -35°C +70°C

Low | Med | High

Flexibility ☐ ☐ ☒

Cycle Life ☐ ☐ ☒

Pressure Rating ☐ ☒ ☐

Chemical Resistance ☐ ☒ ☐

Wall Thickness ☐ ☐ ☒



Construction

Use:

Highly flexible corrugated rubber hose suitable for the transfer of water in negative pressure applications. Lengths incorporate cuffed ends for ease of inserting hose fitting.

Specifications

Part Number	Size	Nominal Dia.		Working Pressure		Weight
	Inch	I.D (mm)	O.D (mm)	Bar	kPa	Kg/M
IH-RWCS-76	3"	76	95	10	1000	3.52
IH-RWCS-102	4"	102	123	10	1000	4.59
IH-RWCS-152	6"	152	176	10	1000	7.86
IH-RWCS-204	8"	204	240	10	1000	11.70
IH-RWCS-254	10"	254	290	10	1000	16.70
IH-RWCS-305	12"	305	-	10	1000	-

Applications



We also offer these Specialty Products



01

PTFE HOSE



02

VITALFLEX® STAINLESS STEEL HOSE



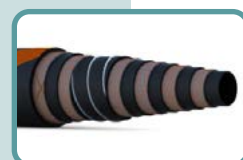
03

EXPANSION JOINTS



04

RUBBER AND COMPOSITE HOSE



05

PIPING SYSTEMS / LINED



06

FITTINGS, FLANGES & COUPLINGS



07

SWIVEL JOINTS



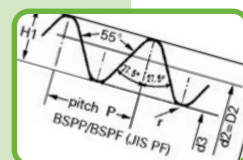
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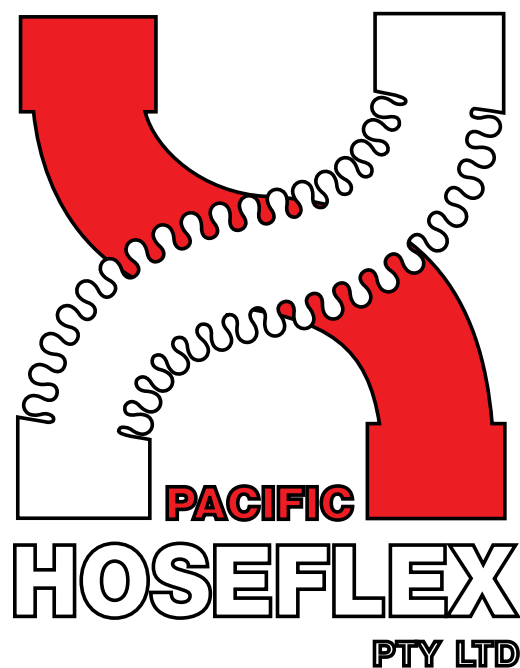
COVERS



09

TECHNICAL DATA





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