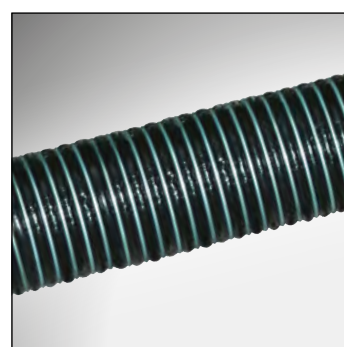




Multi-Chem Black

Multi-Chem Black hoses are designed for those chemicals which do not affect the polypropylene lining and the polypropylene coated steel inner wire.



There are three different types, depending on pressure and application, namely:

Multi-Chem Black	Code number	Application
Light duty	230742100	Tank truck and railcar
Standard duty	231041100	Tank truck, railcar and in plant transfer
Heavy duty	231441100	Heavy duty marine operations and ship and barge loading and unloading

Certifications

Multi-Chem Black hoses are produced and tested according international standards like EN 13765 & IMO IBC code.

Construction

- Inner wire:** Polypropylene coated steel
- Lining:** Polypropylene
- Outer cover:** Polyester PVC coated black
- Outer wire:** Galvanized- or Stainless steel 316

Physical properties

- Maximum elongation:** 10% on proof pressure
- Electrical resistance:** max. 100 Ohm per length
- Maximum twist:** 10° p/m
- Vacuum range:** 0,9 bar
- Min. burst pressure:** 5x working pressure (safety fact 5:1)

- Max. flowrate:** on request
- Max. tensile strength:** on request
- Pressure losses:** on request
- Temperature range:** -30°C upto +80°C

Multi-Chem Black

Multi-Chem Black Light Duty, Code 230742100

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
1	28	100	7	4,9	125	0,55	0,85	100	30
1,5	40	100	7	5,9	150	0,75	1,15	100	30
2	50	100	7	7,9	200	0,85	1,3	100	30
2,5	65	100	7	8,3	210	1,45	2,2	100	30
3	80	100	7	11,8	300	1,8	2,7	100	30
4	100	100	7	15,7	400	2,95	4,4	100	30

Multi-Chem Black Standard Duty, Code 231041100 type 2

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
1	28	150	10,5	4,9	125	0,65	0,95	100	30
1,5	40	150	10,5	5,9	150	1,15	1,7	100	30
2	50	150	10,5	7,9	200	1,2	1,8	100	30
2,5	65	150	10,5	7,9	200	1,95	2,9	100	30
3	80	150	10,5	11,8	300	2,35	3,5	100	30
4	100	150	10,5	15,7	400	3,65	5,5	100	30

Multi-Chem Black Heavy Duty, Code 231441100 type 3

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
3	80	200	14	13,8	350	3	4,5	100	30
4	100	200	14	15,7	400	5,25	7,9	100	30
5	125	200	14	20,1	510	6,45	9,7	100	30
6	150	200	14	22,6	575	8,25	12,4	100	30
8	200	200	14	31,5	800	14,55	21,8	100	30

This information is for guidance only, dimensions and weights shown are approximate.

We reserve the right to alter or amend specifications as deemed necessary.

