



8520 Warren Road • Houston, TX 77040 • www.hammerheadindustrialhose.com

MINE DEWATERING PRODUCTS

OroFlex hoses have reduced production and labor cost in mine dewatering and operations for over 40 years. Our lay-flat hoses greatly reduce storage, and transportation cost and allow for much faster set up times at site locations. This flexible fluid transfer system can be quickly deployed over steep walls and around other obstacles. Standard lengths of 100', 200' and 660' help to eliminate the need for costly and dangerous coupling of rigid pipe. These hoses have very little friction loss and can move large volumes of water over long distances and up steep inclines. Our custom made interior and exterior rubber combined with our textile reinforcement make for an extremely abrasion resistant hose that will provide years of trouble free service. Our industry leading 5 year warranty eliminates product risk to mine employees all over the world.

OROFLEX 20

- DEWATERING APPLICATIONS ON ABRASIVE SURFACES
- AIR COMPRESSOR HOSE
- LONG DISTANCE FLUID DELIVERY
- WATER BYPASS AND SUPPLY
- SUBMERSIBLE AND PORTABLE PUMP DISCHARGE
- FLEXIBLE PIPELINE

Physical Values:

Nominal D*		Working P.**		End Pull ***		Weight		Thickness		Bend Radius at WF	
Inch	mm	psi	K Pa	lb Kg.		lb/ft	gr/m.	inch mm.		ft. mm.	
3/4	19	400	2800	1375	600	0.121	180	0.083	2.1	2.15	650
1"	25	400	2800	1725	750	0.168	250	0.091	2.3	2.97	900
1 1/2	38	300	2100	2750	1200	0.302	450	0.110	2.8	3.63	1100
1 3/4	45	300	2100	3200	1400	0.370	550	0.114	2.9	4.22	1280
2"	52	300	2100	3450	1500	0.430	640	0.118	3.0	4.29	1300
3	76	250	1700	5950	2600	0.639	950	0.126	3.2	4.79	1450
4"	104	200	1400	9850	4300	0.907	1350	0.134	3.4	5.91	1800
5"	125	200	1400	11910	5200	1.277	1900	0.150	3.8	6.23	1900
6"	152	200	1400	14200	6200	1.680	2500	0.169	4.3	6.56	2000
8"	204	175	1200	15450	7000	2.352	3500	0.169	4.3	8.20	2500
10"	250	175	1200	32200	14600	2.521	3750	0.150	3.8	9.84	3000
12"	304	175	1200	38800	17600	3.025	4500	0.150	3.8	10.83	3300

* Dimensional tolerance = Nominal Diameter + 0.080 " minimum

** Minimum safety factor of 3 to 1 over working pressure

*** Figures represent 35% of Total Effective Tensile Strength.



OROFLEX 30 with optional anti static wire

Polyurethane construction with a polyester reinforcement to eliminate corrosion and scaling, resulting in a maintenance free hose. Highly Resistant to Cutting and Abrasion and has extremely low friction loss. Certified for use with Potable Water and available in anti static.

- DEWATERING APPLICATIONS ON ABRASIVE SURFACES
- FLUID TRANSFER
- TRANSFER OF OILS AND FUELS
- TRANSFER OF POTABLE WATER
- 20% LESS FRICTION LOSS THAN ALUMINUM OR GALVANIZED PIPE
- DELIVERY OF CHEMICALS

Nominal ø		Thickness		Weight		Working Pressure		Minimum Burst Pressure	
mm	inches	mm	inches	gr/mt	lbs/ft	kg/cm ²	psi	kg/cm ²	psi
52	2	3.3	0.13	490	0.33	10	150	30	450
65	2 1/2	3.3	0.13	740	0.50	10	150	30	450
75	3	3.3	0.13	890	0.60	10	150	30	450
100	4	3.3	0.13	1100	0.74	10	150	30	450
125	5	3.3	0.13	1570	1.05	10	150	30	450
150	6	3.3	0.13	1770	1.19	10	150	30	450

* Figures for End Pull represent 35% of total effective tensile strength.
 DRAG HOSE WITH HIGHER END PULL UPON REQUEST

