

## AGRICULTURE MERCURIO M



### MERCURIO M

**Colour:** blue outside, black inside.

**Temperature range:** -10°C + 60°C / +14°F + 140°F

**Features:** flexible flat hose in special PVC compound stabilized against UV rays. High tenacity polyester yarn reinforcement. Though strong structured is light and easy to handle. Resistant to many chemicals, to abrasion, weather and ozone.

**Applications:** discharge hose for irrigation used on medium pressure pumps for water, fertilizers and acid solutions. Commonly used in residential and civil building constructions.

## Technical Data

Part Number	Inside Ø	Weight	Working Pressure	Bursting Pressure	Tensile Strenght	Bending Radius	Roll Lenght	Volume
	mm	g/m	bar	bar	Kg	mm	m	m <sup>3</sup>
MM 01 020.0 000.0	20	160	10,0	30,0	460	280	50	0,011
MM 01 025.0 000.0	25	190	10,0	30,0	460	340	50	0,014
MM 01 030.0 000.0	30	230	10,0	30,0	580	400	50	0,017
MM 01 032.0 000.0	32	240	9,0	27,0	580	430	50	0,017
MM 01 035.0 000.0	35	280	8,0	24,0	660	470	50	0,020
MM 01 038.0 000.0	38,1	300	8,0	24,0	690	500	50	0,021
MM 01 040.0 000.0	40	320	8,0	24,0	690	530	50	0,023
MM 01 045.0 000.0	45	350	8,0	24,0	760	580	50	0,025
MM 01 052.0 000.0	52	410	8,0	24,0	870	670	50	0,029
MM 01 060.0 000.0	60	540	8,0	24,0	1550	770	50	0,040
MM 01 063.0 000.0	63,5	560	8,0	24,0	1550	810	50	0,041
MM 01 070.0 000.0	70	620	7,0	21,0	1940	890	50	0,045
MM 01 076.0 000.0	76,2	680	7,0	21,0	2090	960	50	0,050
MM 01 080.0 000.0	81	740	7,0	21,0	2090	1020	50	0,054
MM 01 090.0 000.0	90	870	7,0	21,0	2560	1100	50	0,063
MM 01 102.0 000.0	102	1000	7,0	21,0	2980	1300	50	0,071
MM 01 110.0 000.0	110	1150	7,0	21,0	3100	1400	50	0,083
MM 01 127.0 000.0	127	1350	6,0	18,0	3100	1600	50	0,098
MM 01 153.0 000.0	153	1650	4,0	12,0	3100	1900	50	0,120
MM 01 203.0 000.0	203	2300	2,5	7,5	4170	2500	50	0,167

Other sizes available on request

## OROFLEX



### CHARACTERISTICS

Colour: Black.

Composition: Synthetic rubber and Polyester-Polyamide textile.

Surface: Ribbed for maximum abrasion resistance.

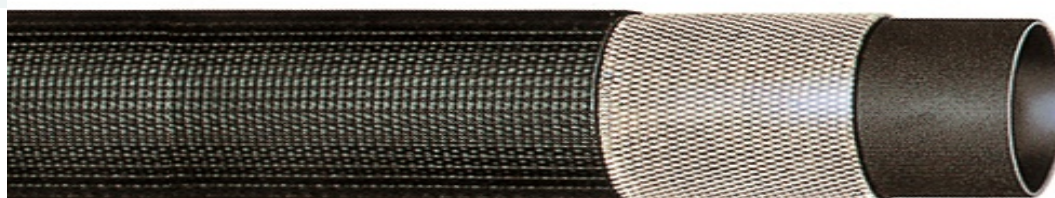
Service Temperature: -20 °baC to + 80 °baC

Standard Length: 30-60 m (up to 200 m to order).

High abrasion resistance.

### APLICACIONES

- Sewage pumps
- Drainage pumps
- Transfers
- Drainage
- Irrigation installations
- Pumping of sludge and liquid fertilizers
- Temporary installations (by-passes)
- Cable and sling protection covers
- Irrigation guns



Code	Nominal Diameter		Wall thickness mm	Weight per meter grams	Service/burst pressure bar	Tensile strength Kg	Radius of curvature m
	mm	inches					
01100	30	1 1/4	2	270	10 / 30	700	0,500
01101	38	1 1/2	2	310	10 / 30	900	0,700
01102	45	1 3/4	2	370	10 / 30	1.200	0,900
01103	52	2	2	450	10 / 30	1.300	1,100
01104	60	2 1/4	2	500	10 / 30	1.400	1,200
01105	65	2 1/2	2	620	10 / 30	1.400	1,300
01106	70	2 3/4	2,5	650	10 / 30	1.700	1,350
01107	76	3	2,5	680	10 / 30	1.800	1,450
01108	80	3 1/4	2,5	700	10 / 30	1.850	1,450
01109	90	3 1/2	2,5	830	10 / 30	2.100	1,480
01110	102	4	2,5	950	10 / 30	2.400	1,700
01111	110	-	3	1.100	10 / 30	4.000	1,800
*01112	115	4 1/2	3	1.200	10 / 30	4.100	1.900
01113	127	5	3	1.450	10 / 30	4.200	2,100
01114	152	6	3	1.650	10 / 30	5.000	2,250
01115	204	8	3	2.250	10 / 30	6.600	3,000
01116	254	10	3,5	2.800	8 / 24	8.800	3,300
*01117	306	12	4	3250	8 / 24	10.200	3.600

## OROFLEX



### APLICACIONES

- Air compressors for road and construction work
- Compressors for drilling machinery
- Pumping of high performance liquids
- Applications requiring very high resistance to abrasion

### CHARACTERISTICS

**Colour:** Yellow.

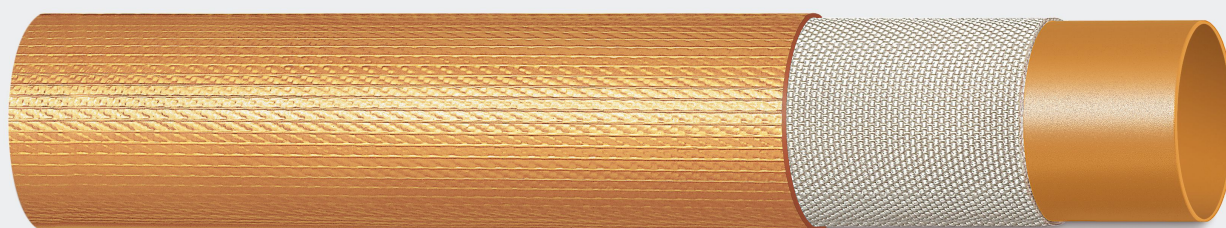
**Composition:** Synthetic rubber and Polyester-Polyamide textile.

**Surface:** Fine ribbed, highly resistant to abrasion.

**Service Temperature:** >From -20 °C to + 80 °C

**Standard Length:** 60 m (up to 200 m to order).

WATER SERVICE PRES.	= 5 / 3	AIR SERVICE PRES.
---------------------------	---------	-------------------------



Code	Nominal diameter		Wall thickness	Weight/ metre	AIR Service/Bursting Pressure	Traction limit for no tearing	Curvature radius
	mm.	Inches	mm.	gr.	bar	Kg	mts
01200	19	3/4	2,5	180	20 / 160	300	0,250
-	19	3/4	3,5	230	20 / 160	300	0,250
01201	27	1	3,5	235	20 / 100	750	0,250
-	27	1	4	275	20 / 100	750	0,250
01203	38	1 1/2	3,5	440	15 / 75	1.200	0,650
01204	45	1 3/4	3,5	520	15 / 75	1.400	0,750
01205	52	2	3,5	650	10 / 50	1.500	1,200
*01208	65	2 1/2	4	750	10 / 50	2.050	1,250
01206	76	3	4	950	10 / 50	2.600	1,300
01207	102	4	4	1.275	10 / 50	3.780	1,700
*01208	127	5	4	1.800	10 / 50	5.980	1,970
*01209	152	6	4	2.100	10 / 50	7.280	1,970
*01210	204	8	4,5	2.550	10 / 50	9.320	2,250

In yellow version OROFLEX 20 HD reinforced

\* To order



## PVC Layflat Hose

Economical PVC general purpose hose, ideal for use as water drainage, irrigation water supply, water delivery, and some farm fertilizers (check chemical resistance data)

### Blue Light Suzhou Layflat Hose

Internal Diameter	Working Pressure	Burst Pressure
38mm	5 Bar	15 Bar
51mm	5 Bar	15 Bar
64mm	4 Bar	12 Bar
76mm	4 Bar	12 Bar
102mm	4 Bar	12 Bar
152mm	4 Bar	12 Bar
203mm	3 Bar	9 Bar



### Brown / Red Heavy Suzhou Layflat Hose

Internal Diameter	Working Pressure	Burst Pressure
38mm	10 Bar	30 Bar
51mm	10 Bar	30 Bar
64mm	9 Bar	27 Bar
76mm	8 Bar	24 Bar
102mm	8 Bar	24 Bar
152mm	6 Bar	18 Bar
203mm	6 Bar	18 Bar



Coil Lengths  
100 mtr on all sizes