

SUCTION AND TRANSPORT HOSE - LIGHTWEIGHT AND FLEXIBLE



1.2.2

FLAMEX L

Material

hose wall: 100 % pure polyester polyurethane with addition of flame protection. 30% more abrasion-resistant than polyether polyurethane
spiral: PU-coated spring steel wire

Applications

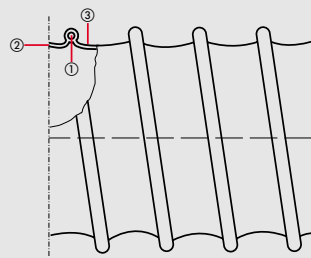
- transport hose for abrasive solids in fire risk areas
- woodworking machines
- exhaust equipment in wood-working industries
- protection hose against mechanical pressure

Properties

- conforms to the requirements of the German Professional Woodworking Association
- flame resistant
- highly flexible
- high tensile and burst strength
- lightweight
- extremely abrasion-resistant
- small bend radius
- kink-proof
- good resistance to solvents, oil and fuels
- free of plastizisers and halogens
- UV- and ozone-resistant
- symmetrical bending
- smooth inside, for optimum flow characteristics
- electrically conductive by grounding spiral

Construction

- ① PU-coated spring steel spiral
- ② hose wall: polyester polyurethane
- ③ wall thickness between spirals .0275"



Temperature Range

- -40°F up to +195°F
- intermittent to +260°F

Chem. Resistance

see resistance table section no. 15

Technical Data, custom designs and forms of delivery see back page

 **Masterduct**
Member of the Masterflex-Group

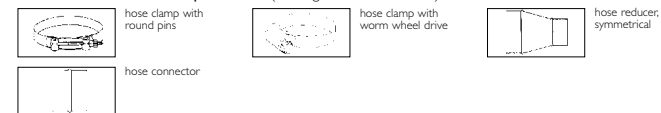
FLAMEX L

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product code
2.40	506	126	2.72	2.72	0.30866	322-060-601
2.52	482	116	2.84	2.84	0.32208	322-063-601
2.60	454	105	2.92	2.92	0.32879	322-065-601
2.80	406	105	3.12	3.12	0.35563	322-070-601
3.00	406	84	3.36	3.32	0.39589	322-075-601
3.20	354	84	3.52	3.52	0.42273	322-080-601
3.60	305	63	3.96	3.96	0.46970	322-090-601
4.00	305	63	4.40	4.32	0.52338	322-100-601
4.40	253	63	4.76	4.76	0.57035	322-110-601
4.60	253	63	4.96	4.96	0.59719	322-115-601
4.80	253	63	5.16	5.16	0.62403	322-120-601
5.00	253	63	5.40	5.36	0.65087	322-125-601
5.20	201	63	5.56	5.56	0.67100	322-130-601
5.60	201	42	5.96	5.96	0.83204	322-140-601
6.00	201	42	6.44	6.36	0.88572	322-150-601
6.40	201	42	6.80	6.76	0.95282	322-160-601
6.80	153	42	7.20	7.16	0.99979	322-170-601
7.00	153	42	7.40	7.36	1.03334	322-175-601
7.20	153	42	7.60	7.56	1.06018	322-180-601
8.00	153	42	8.56	8.40	1.09373	322-200-601
9.00	100	21	9.40	9.40	1.22793	322-225-601
10.00	100	21	10.40	10.40	1.36213	322-250-601
11.00	100	21	11.36	11.40	1.49633	322-275-601
11.20	100	21	11.60	11.60	1.52317	322-280-601
12.00	92	19	12.40	12.40	1.63053	322-300-601
12.60	92	19	13.00	13.00	1.71105	322-315-601
13.00	92	19	13.40	13.40	1.76473	322-325-601
14.00	48	19	14.40	14.40	1.89893	322-350-601
16.00	48	19	16.40	16.44	2.16733	322-400-601

* Referring to the inner side of the elbow of hose.

The above mentioned data refers to an average and ambient temperature of 68°F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

Installation and connection possibilities (see register no. 11 and 12):



Delivery forms:

Standard production:

- Dia. 2.4" - 16"
- Color: clear
- Standard lengths: 25'

Available on request:

- with overprint
- special colors
- special lengths



Pacific Air Consultants, Inc.

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CARFLEX SUPER + MASTER-PUR STEP



CAR-GRIP

Material

clamp band: galvanized steel
screw casing: galvanized steel
bridge: stainless steel

Properties

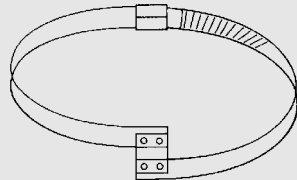
- rust resistant
- easy to install
- extra strength

Applications

- special hose clamps for securing CARFLEX SUPER and MASTER-PUR STEP hoses on mobile and stationary units

Construction

Hose clamp with worm drive with hexagon recessed head screw and spot-welded bridge



Technical Data, custom designs and forms of delivery see back page

CAR-GRIP

for CARFLEX-SUPER and MASTER-PUR STEP (Dia.)	Clamping range (in.)	Product code
2.4" thru 10"	2.4" thru 12"	531-060-100 thru 531-250-100

Note:

CAR-GRIP worm drive hose clamps are only suitable for securing CARFLEX SUPER hoses. We recommend our standard worm drive hose clamps or heavy duty bolted clamps for securing other spiral hoses.

Delivery forms:

Standard production:
 ● clamping ranges from 2.4" - 12"

Available on request:

- in stainless steel
- other clamping ranges



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HOSE REDUCER



11.5

HOSE REDUCER

Material

galvanized steel

Applications

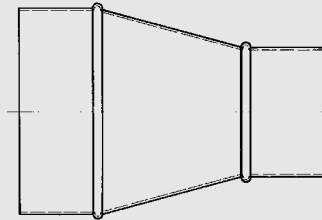
- for extending, connecting and attaching lightweight or medium weight hoses

Properties

- easy to install
- lightweight
- resistant to corrosion

Construction

reducer of rolled sheet steel with beadings on both ends



Technical Data, custom designs and forms of delivery see back page

HOSE REDUCER

(Dia. 1)	(Dia. 2)	S Ga.	L1 (in.)	L2 (in.)	Product code
3" thru 12"	2" thru 10"	24	3.5"	3"	632-080-050 thru 632-300-250

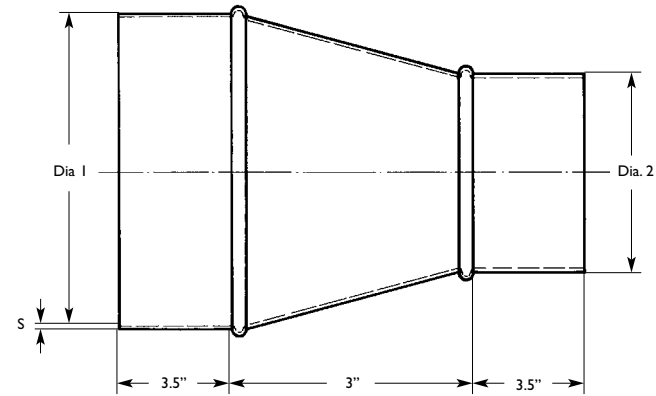
Delivery forms:

Standard production:

- galvanized steel

Available on request:

- special diameters
- stainless steel



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HOSE CONNECTOR



11.6

HOSE CONNECTOR

Material
galvanized steel

Applications

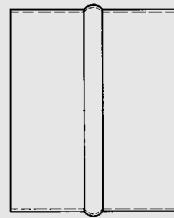
- extending, connecting and attaching lightweight or medium weight hoses

Properties

- easy to install
- lightweight
- resistant to corrosion

Construction

rolled sheet steel with beandings



Technical Data, custom designs and forms of delivery see back page

HOSE CONNECTOR

(Dia.)	Ga.	L (in.)	Product code
2" thru 36"	24	3.5"	630-050-100 thru 630-900-100

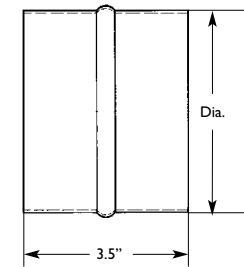
Delivery forms:

Standard production:

- galvanized steel

Available on request:

- special sizes
- stainless steel



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