



## EDU/45

Flexible hose made of a TPE thermoplastic sheet (th. 0.45mm) and copper steel wire helix. The hose is particularly suitable for suction of aggressive fumes even in presence of different kind of acids, bases and solvents.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Translucent transparent	10 m. standard (coils of 20 m up to ø 200 on request)	from 60 to 500 mm	-30°C +90°C (peak +100°C)

### PRODUCTION DIAMETERS

60	65*	70	75*	80	90	100	110	120	125	130	140
150	160	180	200	225	250	275	300	350	400	450	500

\*Diameters available on request.

Diameters other than those indicated are available by prior feasibility check.

### MAIN APPLICATIONS

Suction of motor vehicle gas, pneumatic conveyance, granule suction, passage of solvents and acids.

### MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

### TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
60	0,40	0,16	42	342
70	0,35	0,14	49	399
80	0,28	0,10	56	456
100	0,20	0,09	70	515
120	0,20	0,08	80	610
130	0,20	0,08	90	684

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,06	105	772
160	0,10	0,06	110	850
180	0,09	0,05	128	935
200	0,08	0,05	140	1024
250	0,05	0,04	175	1280
300	0,03	0,03	210	1540
350	0,02	0,02	245	1792
400	0,02	0,02	280	2048
450	0,01	0,01	315	2304
500	0,01	0,01	350	2560

Data given in this table are approximate.

\* Pressure and vacuum data based on +20°C room temperature.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



BREEAM®

### LEED

Contributes to credits:

MR

### WELL

Contributes to credits:

MATERIALS

### BREEAM

Contributes to credits:

HEA

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

OEM	Flexibility	Chemical Resistant	Easy pack	Oil Resistant	Calibrated Diameters*	Compact Version*	Industry	Non-magnetic*
Extractor Hoods	Corrosion Resistant							

\*on request