



Flexiver D/Clima, Manguito Corona

Flexible Ducts. Foil Sleeves

Flexiver D is an ISOVER flexible circular section duct comprising three layers of an aluminium-polyester complex, adhesive with AN overlapping and helical design, reinforced with wire externally treated against corrosion.

• **Flexiver Clima** is an ISOVER flexible circular section duct made from an interior tube of **Flexiver D**, externally insulated with a glass wool felt covered with a polyester and reinforced aluminium foil, providing mechanical resistance and acting as a vapour barrier. • **Manguito Corona** is the ISOVER circular section joining collar, made from galvanised steel and with multiple factory formed tabs at one end.

The range of flexible duct solutions Flexiver is the ideal option specially designed and developed for:

- Connecting the main air-distribution duct networks to the machinery and units of the thermal installations within air-conditioning systems in buildings. • **Flexiver Clima** is specially suitable in those installations where thermal insulation is necessary to prevent condensation. Manguito Corona is the ideal option for: • Joining Flexiver flexible tubes to **CLIMAVER** mineral wool air-conditioning ducts.

RITE Technical Properties

Symbol	Parameter	Icon	Units	Value	Standard
λ_D	Declared thermal conductivity for insulation*		W/m·K (10°C)	Flexiver Clima 0,034	EN 12667 EN 12939
—	Reaction to fire		Euroclass	B-s1, d0	EN 13501-1 EN 15715
T	Working temperature		°C	Flexiver D -20 -120 Flexiver Clima -20 -250	—
P	Maximum operating pressure		Pa	2500	EN 13180
V	Air speed	—	m/s	20-30	—
R	Curvature radius		The same as \varnothing_{ext}	Flexiver D 0,7 x \varnothing_{ext} Flexiver Clima 0,8 x \varnothing_{ext}	—

* 25mm-thick glass wool felt with a density of 18 Kg/m³.

Advantages

- Quick and easy installation solutions thanks to the flexibility and adaptability of the Flexiver range
- Flexiver Clima prevents condensation forming in the ducts.
- The multiple tabs on the Manguito Corona fold easily improving fastening to the duct.
- The edge of the sleeve allows the fastening to be secured with aluminium tape or nylon ties.
- Inert material, inhospitable for micro-organisms.



Presentation

Diameter D, (mm)	Flexiver D		Flexiver Clima		Manguito Corona
	Boxes/Pallet	ml/pallet	Boxes/Pallet	ml/pallet	Units/Box
102	160	1.600	65	650	10
127	112	1.120	55	550	
152	84	840	50	500	
160	72	720	50	500	
203	100	1.000	32	320	
254	64	640	21	210	
305	42	420	18	180	
315	42	420	18	180	—
356	36	360	18	180	
406	30	300	10	100	

*The ducts are supplied compressed in cardboard boxes.

Certification



Installation Guide

Additional information available at: www.isover.es