

Insulation shells type RTN+

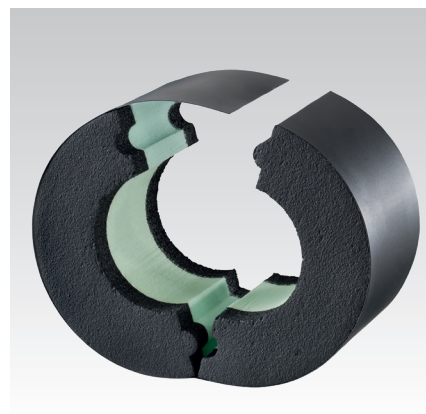
Application

- Insulation of pipelines in the field of refrigeration
- Specially suitable for attachments in ventilation, air-conditioning, heating, refrigeration installations as well as for hot and chilled water pipes

Your advantages

- Rigorous avoidance of temperature bridges in cold pipelines

- Highly effective insulation due to support elements made of PIR and a synthetic rubber mantle
- Insulation thickness matched to the increasing insulation layer thickness of the insulation sleeves
- Rubber surfaces on the face sides allow easy bonding with the rubber pipe insulation



Features

Material	Polyurethane-polyisocyanurate rigid foam, synthetic rubber
Fire classification	DIN EN 13501-1:2007 Euroclass E
Effective density [kg/m³]	120
Thermal conductivity	$\lambda = 0.034 \text{ W/mK at } 0^\circ\text{C}$, $\lambda = 0.038 \text{ W/mK at } +40^\circ\text{C}$
Temperature range	$-45^\circ\text{C to } +105^\circ\text{C}$
Water vapour diffusion resistance	$\mu = 10,000$
Design	Insulation clamp with ultraflexible closed cell insulation system with high water vapour diffusion resistance and low thermal conductivity

Type	Pipe outer Ø D			Shell length [mm]	Outer Ø shell [mm]	Part no.	Sales unit	Pack unit
	Copper pipes [mm]	Steel pipes [inch]	Steel pipes [mm]					
Type 2 - Insulation thickness 9.5 - 15 mm	6		6	50	25	149190	1	Pieces
	10	1/8"	10.2		34	149192		
	12		12.5		36	149193		
	15	1/4"	13.5		40	149194		
	18	3/8"	17.2		43	149195		
	22	1/2"	21.3		47	149196		
	28	3/4"	26.9		53	149197		
	35	1"	33.7		61	149198		
	42	1 1/4"	42.4		69	149200		
		1 1/2"	48.3		76	149201		
	54		54		82	149202		
		2"	60.3		89	149204		
	64		63.5		92	149205		
	76.1	2 1/2"	76.1		105	149207		
	88.9	3"	88.9		118	149209		
	108		108		141	149211		
Type 4 - Insulation thickness 15.5 - 25.5 mm	114	4"	114.3		144	149212		
	10	1/8"	10.2		46	149213		
	12		12.5		48	149214		
	15	1/4"	13.5		52	149215		
	18	3/8"	17.2		55	149216		
	22	1/2"	21.3		60	149217		
	28	3/4"	26.9		66	149219		
	35	1"	33.7		74	149220		
	42	1 1/4"	42.4		85	149222		
		1 1/2"	48.3		91	149223		
	54		54		98	149224		
		2"	60.3		105	149226		
	64		63.5		109	149227		
	76.1	2 1/2"	76.1		122	149229		
	88.9	3"	88.9		136	149231		
	108		108		156	149233		
	114	4"	114.3		162	149234		
	133		133		183	149235		
		5"	139.7		189	149236		
	159		160		210	149237		
	168		168.3		219	149239		