



CLOSED END TUBES & ISOLATORS

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CLOSED END TUBES & ISOLATORS

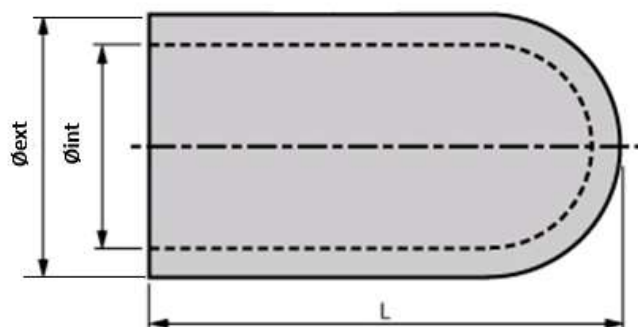
AS Composants has selected a wide range of technical ceramic, Closed One End (COE) and open both ends tubes for thermal, chemical, and mechanical applications, using oxide and non-oxide materials. These products are designed to operate at temperatures up to 2000°C.

Our range covers various materials of varying porousness: CRP530, CRE610, or APF710. These ceramics are suitable for extreme environments, whether oxidizing, corrosive, or with high thermal variation. The choice of sheath material depends on the ambient gas, temperature, and probe configuration. Recommendations are based on DIN 43724. Standard dimensions are available on stock, but custom sizes are also available upon request.

APF710 tubes, made from high-purity alumina, offer exceptional resistance to temperature and corrosion. CRE610, made from aluminum silicate, is recommended up to 1400°C. The more porous CRP530 is used up to 1350°C.

Silicon carbide (SiC) versions are also available in various configurations, such as recrystallized or nitrogen-containing. These tubes are suitable for inert, oxidizing, and corrosive atmospheres and can withstand temperatures up to 2000°C, depending on the version.

Opened both ends tubes are available in CRE610 and APF710 versions, depending on the required temperatures. They are available in several geometries: lengths, diameters, and number of holes.



CLOSED ONE END (COE) TUBES - CRP - TYPE 530

$\varnothing_{ext}$ (mm)	$\varnothing_{int}$ (mm)	L (mm)				
		530	740	1030	1430	2030
20	12			A2372		
20	15				A2407	
26	18	A0733	A0557	A0417	A0738	A1082

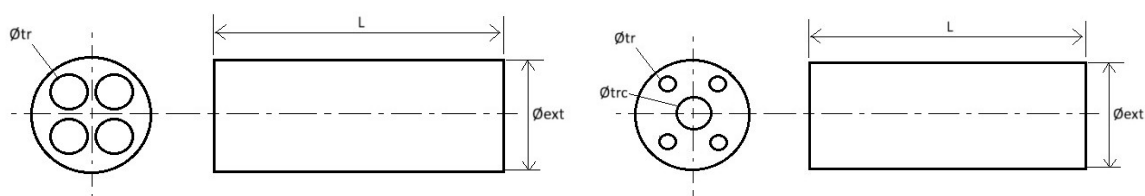
CLOSED ONE END (COE) TUBES - CRE - TYPE 6'

$\varnothing_{ext}$ (mm)	$\varnothing_{int}$ (mm)	L (mm)				
		530	740	1030	1430	2030
6	4			A2205		
8	5	A2838		A1221		
9	6	A1162				
10	7	A0075	A0844	A0074	A1142	A1555
12	8	A0880	A2204	A0686	A0474	
14	11			A0008		
15	11	A0010	A0234	A0009	A0739	A1083
16	12	A1163	A0320	A0514		
20	15	A1638	A1265	A1614	A0723	A3393
22	17	A0642		A1356		A1357
24	19	A1657	A2423	A0794	A0795	
26	20	A1661	A1926	A0664	A1121	

CLOSED ONE END (COE) TUBES – APF - TYPE 710

Øext (mm)	Øint (mm)	L (mm)				
		530	740	1030	1430	2030
4	2	A3713				
5	3	A4064				
6	4	A0648	A0699	A0313		
7	5	A0379	A2053	A0865	A4725	
8	5	A0731	A1396	A0260	A0693	
10	6	A0662	A0316	A0215	A1254	A1084
12	8	A0154	A0645	A0334	A0381	
13	9	A0468				
15	10	A0131	A0132	A0133	A0134	A0135
15	11	A0339	A0969			
16	12	A0991	A2817	A1310		
17	12	A4727				
18	13	A2197				
20	15	A1377	A0380	A0467	A1919	A3718
24	18	A0189	A1215	A0792	A0793	A1197

ISOLATORS - CRE - TYPE 610



Holes Number	Øext (mm)	Øtr (mm)	Øtrc (mm)	L (mm)			
				560	1060	1460	2060
1	8.5	1.5					A1106
2	4.5	1			A0186		
2	5	1.2			A2414		
2	8.5	1.5			A1344		
2	8.5	2.5			A2325		
4	5.5	1.2		A0849	A0566	A1012	
4	8.5	1.5			A0325	A1561	A3762
5	8.5	1	4		A1784		

ISOLATORS - APF - TYPE 710

Holes Number	Øext (mm)	Øtr (mm)	Øtrc (mm)	L (mm)					
				560	760	1060	1460	1660	2060
2	2.5	0.8				A4233			
2	3	0.8				A0988			
2	4	1.2				A0441	A2457		
2	4.5	1				A1482			
2	4.5	1.2						A2857	
2	5	1.5				A1553			
2	5.5	1.2			A3192		A2774		A4855
2	5.5	1.5				A3567			
2	6	1.5				A0469			
4	2.5	0.8				A4234			
4	2.7	0.8				A2591			
4	3	0.8				A0422	A2775		
4	4	1				A1518	A1043		
4	4.5	1.2				A2308			
4	5.5	1.2				A1691	A2773		
4	8.5	1.5				A0327	A2466	A2594	
4	9	1				A1552			
5	7	1	3.3		A4298				
6	4.5	0.8				A1509			



MORE THAN A SUPPLIER

EUROPE

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