

# ProRox® PS 210

ProRox PS 210 is a mandrel wound stone wool pipe section. The highly durable insulation sections are supplied split and hinged for easy snap-on assembly and are especially suitable for thermal insulation of industrial pipe work.



## Product properties in accordance with ASTM C547

	Performance								Norms
Thermal conductivity at mean temperature	$T_m$ (°F)	100	200	300	400	500	600	700	ASTM C335
	$\lambda$ (BTU.in/hr.ft <sup>2</sup> .°F)	0.25	0.31	0.37	0.45	0.54	0.65	0.77	
Maximum use temperature	1.200°F (649°C)								ASTM C447
Sag resistance	≤ 5% at 1.200°F (649°C)								ASTM C411
Linear shrinkage	≤ 2% at 1.200°F (649°C)								ASTM C356
Surface burning characteristics	Flame spread index - Passed; Smoke development index - Passed								ASTM E84
Corrosion resistance	Evaluation on external stress corrosion cracking tendency of austenitic stainless steel = Passed								ASTM C692 / ASTM C795
	Chemical analysis for Cl <sup>-</sup> , Fl <sup>-</sup> , Na <sup>+</sup> , SiO <sub>4</sub> <sup>4-</sup> : Results fall within acceptability limits of ASTM C795								ASTM C871 / ASTM C795
Vapor sorption	≤ 5%w/w								ASTM C1104
Compliance	ASTM C547 Type I, II, IV								

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