

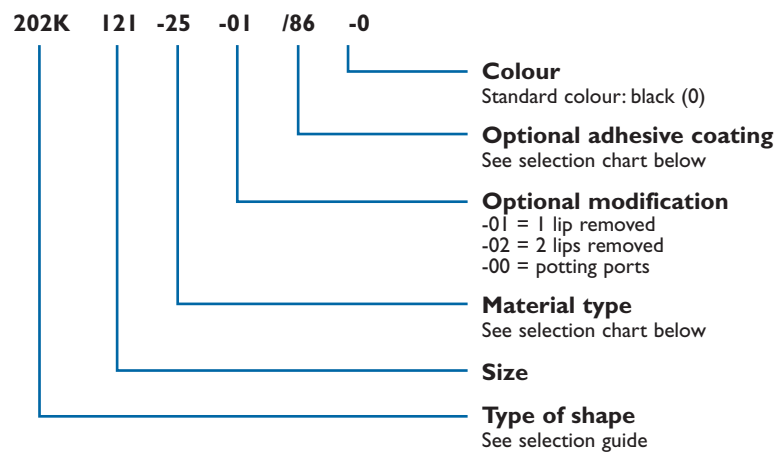


Heat-Shrinkable Shapes

IS-Cabletec has a wide range of heat-shrinkable moulded shapes available with an adhesive coating to form a watertight seal to protect cables and equipment from corrosion and mechanical abuse. Manufactured from a range of cross-linked materials they exhibit outstanding temperature, mechanical and chemical resistant properties. They are supplied in an expanded form and on the application of heat they shrink to a predetermined size and shape providing a tough protective covering for the components over which they are installed. The type of shapes available include those that are designed to be used directly onto connectors or back-shell adaptors to transitions for wire break-outs in cable harnesses.



Part Numbering System



Material Selection Guide


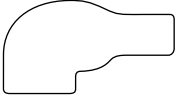

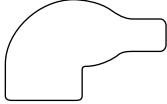
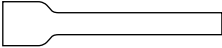
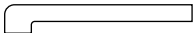
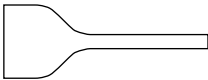
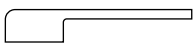
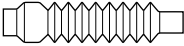
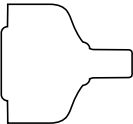

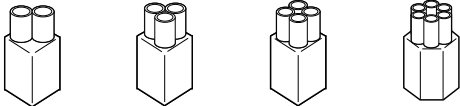

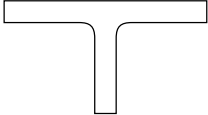


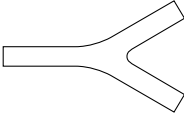
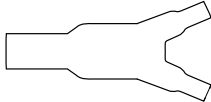
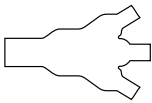
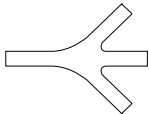
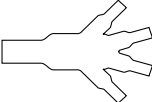
Grade	Temperature Range	Fluid Resistance	Characteristics	Typical Applications
-3	-55°C to +135°C	Good	Semi-rigid, flame retarded, good balance of properties	General purpose, commercial
-4	-55°C to +135°C	Good	Flexible, flame retarded, low shrink temperature	General purpose, commercial
-12	-55°C to +200°C	Excellent	Flexible, high temperature resistance	Aerospace, fuel systems, chemical plants
-25	-75°C to +150°C	Excellent	Semi-rigid, flame retarded very tough	Military ground systems
-50	-55°C to +150°C	Excellent	Flexible, high temperature resistance	Military ground systems
-100	-30°C to +105°C	Good	Semi-flexible, zero halogen low smoke	Ships, submarines, mass transit, offshore

Adhesive Selection Guide

	Moulded shape Material	Adhesive	Temperature Range	Comments
Pre-installed hot melt adhesive	-25, -3, -50	/86	-55°C to +120°C	High temperature, excellent fluid resistance
	-3, -4	/42	-20°C to +60°C	General purpose hot melt. Bonds well to PVC and metals
	-100	/180	-80°C to +80°C	Low fire-hazard
Pre-coated curing adhesive Unicure	-25	/225	-75°C to +150°C	High performance, pre-coated epoxy adhesive
Component curing adhesive	-25, -12, -50	S1125	-55°C to +150°C	2-part, flexible epoxy adhesive, Excellent fluid resistance



Shape Selection Guide

Application	Family description	Typical shapes	
Lipped boots for use with a circular adaptor	202D12I to 196 222D12I to 196 202K11I to 185 222K12I to 185		
Nonlipped boots for use directly on a circular connector	202A11I to 196 222A11I to 196		
Low-profile lipped boots for use with a circular adaptor	202D21I to 299 222D21I to 299 202F21I to 274 222F21I to 285		
Low profile lipped boots for use with a circular adaptor on an open harness	202D92I to 963 222D92I to 963		
Lipped boots with compressible design for use with a circular adaptor	202C61I to 663		
Adaptor boots for use with D-subminiature connectors	214A01I to 052 234A01I to 071 214A31I to 352 234A11I to 152 234A61I to 671		
Multilegged Transitions	302V11I to 705V174		
"T" Transitions	301A01I to 048 301A51I to 514 322A112 to 158		
45° Transitions	342A012 to 058		
30° Transitions	362A014 to 114		
"Y" Transitions	381A30I to 304 382A012 to 046		
3:1 Transitions	462A01I to 060 462A42I to 424		
4:1 Transitions	562A01I to 067		

For details of the complete range of shapes and dimensions please contact Cabletec's sales office.

