



the global cable identification system

# HPC High Performance Continuous 2:1 Shrink Ratio Military Specification



### Specifications:

- SAE AMS-DTL-23053/5

### Recommended Printer & Ribbon:

Sumitag™ Printers: STP300 SS & DS  
 Ribbon SM3 Super Ribbon

### Print Performance:

Adherence: SAE-AS5942  
 MIL-STD-202G, Method 215J  
 Store in original packaging

### Product Overview:

Military specification, flexible, flame retarded, self-extinguishing, 2:1 shrink ratio, heat-shrinkable tubing. Excellent chemical and mechanical properties with low friction surface. Continuous design allows for customized marker lengths. Sumitag™ HPC products are specially conditioned for printing with our range of Sumitag™ printers and qualified ribbons.

### Product Features:

- Operating temperature range -55°C to +135° C .
- Continuous format for cut-to-length requirements and cost savings.
- Flame retardant. Self-extinguishing.
- RoHS compliant.
- Colors—white and yellow standard. Others available.

### Applications:

- Wire identification
- Wire protection
- Fluid resistance
- Strain relief
- Abrasion protection

## SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

915 Armorlite Drive  
 San Marcos, CA 92069 -1440

t: 800.758.3515  
 f: 800.758.3517  
 e: customerservice@seipusa.com  
 w: www.seipusa.com



# HPC High Performance Continuous 2:1 Shrink Ratio Military Specification

## Specifications:

SAE AMS-DTL-23053/5

## Print Performance:

Adherence: SAE-AS5942

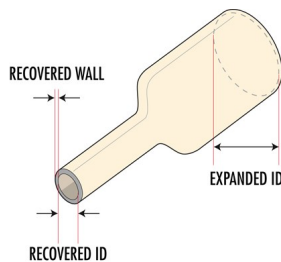
MIL-STD-202G, Method 215J

Store in original packaging

## Technical Specifications:

Property	Value
Continuous Operating Temperature	-55°C to +135°C
Shrink Temperature	+90°C
Longitudinal Change	+/-5% Max
Tensile Strength	10.3 MPa Min
Elongation at Break	200% Min
Secant Modulus	172 MPa Max

Product Reference	Supplied ID Min. (Inches)	Recovered ID Max. (Inches)	Recovered Wall Nominal (Inches)	Color Code
HPC 1/16	0.063	0.031	0.017	
HPC 3/32	0.093	0.046	0.020	BK = Black
HPC 1/8	0.125	0.062	0.020	BN = Brown
HPC 3/16	0.187	0.093	0.020	
HPC 1/4	0.25	0.125	0.025	RD = Red
HPC 3/8	0.375	0.187	0.025	OE = Orange
HPC 1/2	0.500	0.250	0.025	YW = Yellow
HPC 3/4	0.750	0.375	0.030	GN = Green
HPC 1	1.000	0.500	0.035	BE = Blue
HPC 1.5	1.500	0.750	0.040	VT = Violet
				GY = Grey
				WE = White



All sizes sold on 30 meter length spools.