


Specification

- | | | |
|--|---|-----|
| • Plastic
Technopolymer (Polyamide) | PA | 1 4 |
| - Glass fiber reinforced | | |
| - Temperature resistant up to 302 °F (150 °C) | | |
| - Black, RAL 9005, matte finish | ● SW | |
| - Orange, RAL 2004, matte finish | ● OR | |
| - Gray, RAL 7031, matte finish | ● GR | |
| - Red, RAL 3000, matte finish | ● RT | |
| • Plastic
Technopolymer (Polypropylene) | PP | |
| - Glass fiber reinforced | | |
| - Temperature resistant up to 212 °F (100 °C) | | |
| - Black, RAL 9005, matte finish | ● SW | |
| • Plastic, self-extinguishing
Technopolymer (Polyamide) | SV  | |
| - Glass fiber reinforced | | |
| - Temperature resistant up to 302 °F (150 °C) | | |
| - Black, RAL 9005, matte finish | ● SW | |
| • Plastic
Technopolymer (Polyamide) | ESD | |
| - Antistatic | | |
| - Glass fiber reinforced | | |
| - Temperature resistant up to 302 °F (150 °C) | | |
| - Black, RAL 9005, matte finish | ● SW | |
- Strength Values → page 2081
• Plastic Characteristics → page 2135
• RoHS compliant

Information

EN 528 cabinet "U" handles are assembled to drawers / doors from the outside using cap screws.

Cabinet "U" handles, type PP (Polypropylene) are, however, less viable from a mechanical and thermal standpoint, but price wise they are more economical and are quite adequate for many applications.

Cabinet "U" handles, type SV are made of a UL 94 V-0 plastic material which is self-extinguishing. The classification to UL 94 V-0 (Underwriters Laboratories) covers the properties and durability against fire. According to their tests a plastic test piece of a defined shape and dimension is set on fire in a vertical position whereby the flame on a scale from V - 0 has to extinguish itself within 10 seconds without leaving any burning droplets.

Cabinet "U" handles, type ESD are made from a conductive plastic material which prevents electrostatic loading. The imprint „ESD“ on the surface of the handle defines the special antistatic properties according to IEC 61340-5-1.

see also...

- Product Family ESD → page 18
- Product Family Standard Parts for Profile Systems → page 18
- Cabinet "U" Handles GN 728 (Aluminum, Mounting from the Back or from the Operator's Side) → page 120
- T-Nut Assemblies GN 965 (for 30 / 40 mm T-Slot Profile Systems) → page 2048
- T-Nut Assemblies GN 968 (for 30 / 40 / 45 mm T-Slot Profile Systems) → page 2058

On request

- Various metric and inch size fasteners and kit packaging

How to order	1 Material
1 2 3 4	2 Length l ₁
EN 528-PA-117-6.5-SW	3 Bore d ₁
	4 Color

Metric table

Dimensions in: millimeters - inches

I ₁	d ₁	Material / Color							b	d ₂	h ₁	h ₂	l ₂	l ₃	s	t
		PA	PP	SV	ESD	PA	PP	SV								
94 -1 3.70 -0.04	6.5 0.26	SW	OR	GR	RT	SW	SW	SW	21 0.83	10.5 0.41	38 1.50	6 0.24	109 4.29	74 2.91	6 0.24	7 0.28
117 ±1 4.61 ±0.04	6.5 0.26	SW	-	-	-	SW	SW	-	26 1.02	10.5 0.41	41 1.61	9 0.35	137 5.39	93 3.66	7 0.28	6 0.24
117 ±1 4.61 ±0.04	8.5 0.33	SW	OR	GR	RT	SW	SW	SW	26 1.02	13.5 0.53	41 1.61	6.5 0.26	137 5.39	93 3.66	7 0.28	8.5 0.33
122 ±1 4.80 ±0.04	8.5 0.33	SW	-	-	-	SW	-	-	26 1.02	13.5 0.53	41 1.61	6.5 0.26	142 5.59	100 3.94	7 0.28	8.5 0.33
132 ±1 5.20 ±0.04	8.5 0.33	SW	OR	GR	RT	SW	SW	-	27 1.06	13.5 0.53	45 1.77	7.5 0.30	150 5.91	108 4.25	7 0.28	8.5 0.33
140 ±1 5.51 ±0.04	8.5 0.33	SW	OR	GR	-	SW	-	-	27 1.06	13.5 0.53	46 1.81	7.5 0.30	160 6.30	113 4.45	7 0.28	8.5 0.33
160 ±1 6.30 ±0.04	8.5 0.33	SW	OR	GR	-	SW	-	-	28 1.10	13.5 0.53	50 1.97	7.5 0.30	179 7.05	132 5.20	7.5 0.30	8.5 0.33
179 ±1 7.05 ±0.04	8.5 0.33	SW	OR	GR	RT	SW	SW	-	28 1.10	13.5 0.53	50 1.97	8.5 0.33	196 7.72	151 5.94	7.5 0.30	8.5 0.33
235 ±1 9.25 ±0.04	10.5 0.41	SW	OR	GR	-	SW	-	-	30 1.18	16.5 0.65	54 2.13	9.5 0.37	260 10.24	201 7.91	8.5 0.33	10.5 0.41

1.1

1.2

1.3

1.4

2.1

2.2

2.3

2.4

