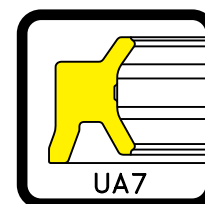
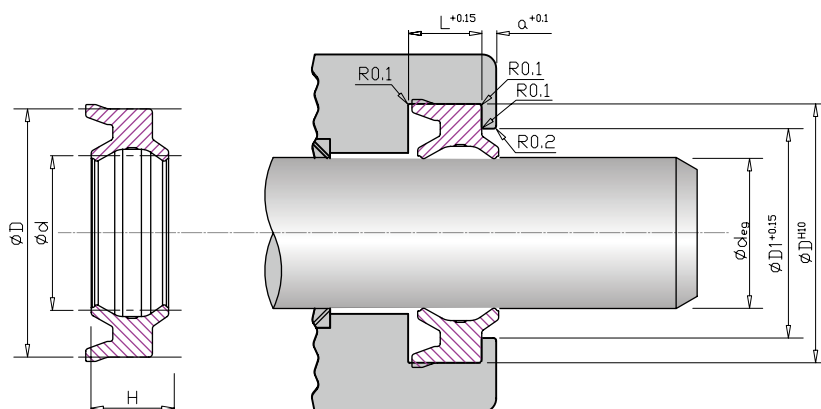


# UA7 Series

Rod Wiper Seal



## POLYCAPROLACTONE TPU 90 PHYSICAL PROPERTIES

|                                                                     |                        |            |                   |            |            |
|---------------------------------------------------------------------|------------------------|------------|-------------------|------------|------------|
| Working Pressure: $\leq 1.6$ Mpa                                    |                        |            | Hardness          | 90 Shore A | DIN53505   |
| Working Temperature: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$ |                        |            |                   | 90 Shore A | ASTM D2240 |
| Surface Speed: $\leq 1.0$ m/s                                       |                        |            | Tensile Strength  | 45 Mpa     | DIN53504   |
|                                                                     |                        |            |                   | 6625 psi   | ASTM D-412 |
| Compression Set                                                     | 19%                    | DIN53517   | Elongation        | 460 %      | DIN53504   |
| 24 hrs @ $70^{\circ}\text{C}$                                       | 19%                    | ASTM D-395 |                   | 460 %      | ASTM D-412 |
| Specific gravity                                                    | 1.15 g/cm <sup>3</sup> | DIN53479   | Tear Strength     | 156 N/mm   | DIN53515   |
|                                                                     | 1.15 g/cm <sup>3</sup> | ASTM D-972 |                   | 850 pli    | ASTM D-624 |
|                                                                     |                        |            | Standard Compound | KC9010AC   |            |
|                                                                     |                        |            | Color             | Brown ●    |            |

| CODE    | d (mm) | D (mm) | H (mm) | a   | D1   | L    |
|---------|--------|--------|--------|-----|------|------|
| UA70003 | 3      | 5.6    | 2.8    | 0.6 | 4.6  | 2.7  |
| UA70004 | 4      | 7.0    | 2.8    | 0.8 | 5.6  | 2.7  |
| UA70005 | 5      | 8.0    | 2.8    | 0.8 | 7.1  | 2.7  |
| UA70006 | 6      | 9.0    | 2.8    | 1.0 | 8.1  | 2.7  |
| UA70008 | 8      | 11.5   | 3.2    | 1.0 | 10.1 | 3.0  |
| UA70010 | 10     | 14.0   | 3.7    | 1.0 | 12.1 | 3.4  |
| UA70012 | 12     | 16.5   | 4.0    | 1.2 | 14.1 | 3.7  |
| UA70014 | 14     | 18.5   | 4.0    | 1.2 | 16.1 | 3.7  |
| UA70016 | 16     | 20.5   | 4.0    | 1.2 | 18.1 | 3.7  |
| UA70018 | 18     | 22.5   | 4.0    | 1.2 | 20.1 | 3.7  |
| UA70020 | 20     | 25.0   | 4.6    | 1.2 | 23.1 | 4.15 |
| UA70022 | 22     | 27.0   | 4.6    | 1.2 | 23.9 | 4.15 |
| UA70025 | 25     | 30.0   | 4.6    | 1.2 | 26.9 | 4.15 |
| UA70030 | 30     | 35.5   | 5.0    | 1.2 | 32.1 | 4.55 |
| UA70032 | 32     | 37.5   | 5.0    | 1.2 | 34.1 | 4.55 |
| UA70035 | 35     | 40.5   | 5.0    | 1.2 | 37.1 | 4.55 |
| UA70040 | 40     | 46.0   | 5.5    | 1.4 | 42.2 | 4.9  |
| UA70045 | 45     | 51.0   | 5.5    | 1.4 | 47.2 | 4.9  |
| UA70050 | 50     | 56.0   | 5.5    | 1.4 | 52.2 | 4.9  |
| UA70063 | 63     | 69.5   | 6.0    | 1.4 | 65.4 | 5.4  |