



DESCRIPTION

Rod wiper with external lip for heavy applications

MATERIAL

Type: Thermoplastic polyester resin
 Designation: SEALITE 55
 Hardness: 55 °ShD

MAIN FEATURES

The function of the SAP wiper ring is to prevent introduction of dust, dirt, foreign matter and heavily deposited ice and mud into the system.

This is achieved by a special wiper lip which produces a very effective cleaning action, prevents the development of scores, protects the guiding parts and extends the service life of the axial moving rod seals.

An external sealing lip on the outside diameter contacts the housing in order to prevent moisture entering the groove.

The internal ribs give stability, back pumping ability and prevent sticking of the wiper in the groove.

The material used to produce this wiper is a special polyester resin that ensures excellent properties in case of heavy applications, an increased wear-resistance and an extended service life.

- External sealing lip for a real housing protection
- Suitable for heavy applications
- Back pumping ability
- Extended service life
- Low cost solution
- Excellent wear-resistance
- Space-saving construction
- Easy installation without expensive auxiliaries

FIELD OF APPLICATION

Speed	≤ 4 m/s
Temperature	-40°C ÷ +140°C
Fluids	Hydraulic oils (mineral oil based). <i>For other fluids contact our technical department</i>

SURFACE ROUGHNESS

Dynamic surface	Suitable for rod seal system	
Static surface	Ra ≤ 1.6 µm	Rt ≤ 6.3 µm

LEAD-IN CHAMFERS

d	S MIN
• less 100	5 mm
• 100÷200	7 mm
• over 200	10 mm

- Any pressure loads on the back of the rings should be avoided
- Sharp edges and burrs within the installation area must be removed

Part.	d ^{f7}	D ^{H10}	L ^{+0.2}	M ^{+0.2}
SAP 20 28 5	20	28.0	5.0	25.5
SAP 22 30 5	22	30.0	5.0	27.5
SAP 25 33 5	25	33.0	5.0	30.5
SAP 28 36 5	28	36.0	5.0	33.5
SAP 30 38 5	30	38.0	5.0	35.5
SAP 32 40 5	32	40.0	5.0	37.5
SAP 35 43 5	35	43.0	5.0	40.5
SAP 36 44 5	36	44.0	5.0	41.5
SAP 40 48 5	40	48.0	5.0	45.5
SAP 45 53 5	45	53.0	5.0	50.5
SAP 50 58 5	50	58.0	5.0	55.5
SAP 50 60.6 5.3	50	60.6	5.3	53.0
SAP 55 65 5.3	55	65.0	5.3	61.0
SAP 55 65 6.3	55	65.0	6.3	61.0
SAP 56 66 6.3	56	66.0	6.3	63.0
SAP 60 70 5.3	60	70.0	5.3	66.0
SAP 60 70 6.3	60	70.0	6.3	67.0
SAP 65 75 5.3	65	75.0	5.3	68.0
SAP 70 78 5	70	78.0	5.0	75.5
SAP 70 80 6.3	70	80.0	6.3	77.0
SAP 70 80.6 5.3	70	80.6	5.3	73.0
SAP 70 82.2 7.2	70	82.2	7.2	76.0
SAP 80 90 6.3	80	90.0	6.3	87.0
SAP 90 100 6.3	90	100.0	6.3	97.0
SAP 90 102.2 7.1	90	102.2	7.1	96.0
SAP 100 110.6 5.3	100	110.6	5.3	104.0
SAP 100 112.2 7.1	100	112.2	7.1	106.0
SAP 100 115 9.5	100	115.0	9.5	110.0