

38

WIPER

Single-Lipped
Polyester
for Heavy-Duty Applications

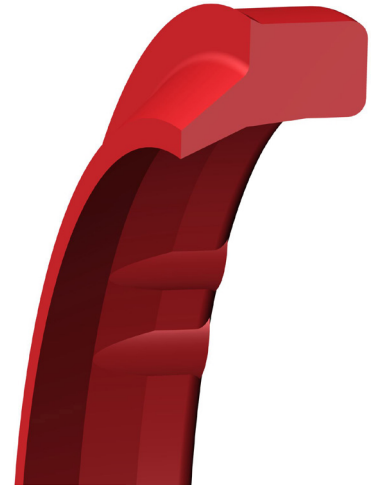
DESIGN

The Hallite 38 single-lipped wiper/scrapper is designed to fit metric housings including those of ISO 6195A. The proportions of the wiping lip ensure that contact is maintained with the surface of the rod to remove heavily deposited contaminants such as mud and ice.

The outside diameter of the wiper incorporates a crush lip to provide an interference fit with the housing. This feature help prevent contamination from entering the groove.

The Hallite 38 is molded in a polyester-based material to provide a tough, abrasion-resistant wiper for the difficult conditions usually found in mining or earth moving applications.

The complete range can be used with a split housing, and the majority can be installed in a blind housing with care.



FEATURES

- Crush lip design provides effective seal on housing
- Effective scraping lip to scrape off heavily deposited containments including ice
- Ribs relieve pressure and improve stability

MATERIALS

As standard, this product comes in the following material. Contact your local Hallite technical team if you would like to find out if this profile can be made in a custom material to suit your application. For further material details, please refer to the Hallite Material Table.

MATERIAL OPTIONS	Name	Type	Colour
Standard	TPE 061	TPE	Red



TECHNICAL DETAILS

OPERATING CONDITIONS	METRIC	INCH
Maximum Speed	4.0 m/sec	12.0 ft/sec
Temperature Range	-40°C +120°C	-40°F +250°F

NOTE

Data given are maximum values and can apply depending on specific application. Maximum ratings of temperature, pressure, or operating speeds are dependent on fluid medium, surface, gap value, and other variables such as dynamic or static service. Maximum values are not intended for use together at the same time, e.g. max temperature and max pressure. Please contact your Hallite technical representative for application support.

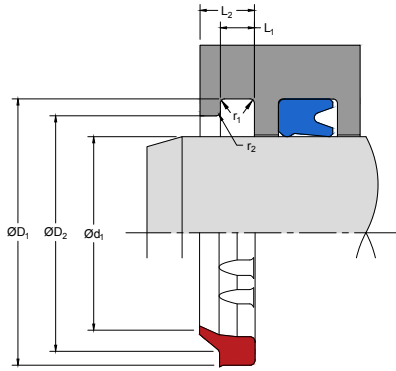
SURFACE ROUGHNESS	μmRa	μmRz	μmRt	μinRa	μinRz	μinRt
Dynamic Sealing Face $\text{Ø}d_1$	0.1 - 0.4	1.6 max	4 max	4 - 16	63 max	157 max
Static Sealing Face $\text{Ø}D_1, \text{Ø}D_2$	1.6 max	6.3 max	10 max	63 max	250 max	394 max
Static Housing Faces L_1	3.2 max	10 max	16 max	125 max	394 max	630 max

RADII				
Rod Diameter $\text{Ø}d_1$	≤ 50	≤ 90	≤ 200	> 200
Max Fillet Rad r_1 mm	0.40	0.40	0.40	0.80
Max Fillet Rad r_2 mm	0.20	0.40	0.60	0.80

NOTE

Assembly chamfers are governed by the associated rod seal.

TOLERANCES	$\text{Ø}d_1$	$\text{Ø}D_1$	$\text{Ø}D_2$	L_1
mm	f9	H11	H11	+0.20-0



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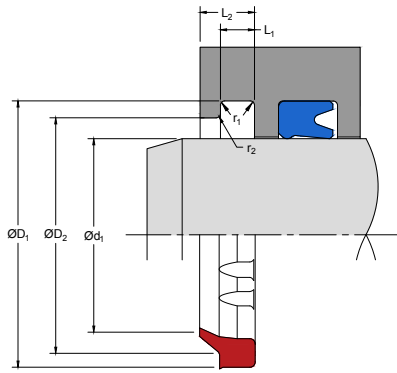
PART NUMBER RANGE

METRIC								
$\text{Ø}d_1$	TOL f9	$\text{Ø}D_1$	TOL H11	$\text{Ø}D_2$	TOL H11	L_1 +0.20-0	L_2	PART No.
8.00	-0.01 -0.05	15.30	+0.11 0.00	12.30	+0.11 0.00	3.20	4.90	4860700
18.00	-0.02 -0.06	24.00	+0.13 0.00	21.00	+0.13 0.00	5.00	7.00	4392000
20.00	-0.02 -0.07	28.00	+0.13 0.00	25.50	+0.13 0.00	5.00	8.00	4321900‡
22.00	-0.02 -0.07	30.00	+0.13 0.00	27.50	+0.13 0.00	5.00	8.00	4322000‡
25.00	-0.02 -0.07	33.00	+0.16 0.00	30.50	+0.16 0.00	5.00	8.00	6617700‡
28.00	-0.02 -0.07	36.00	+0.16 0.00	33.50	+0.16 0.00	5.00	8.00	6617800‡
30.00	-0.02 -0.07	38.00	+0.16 0.00	35.50	+0.16 0.00	5.00	8.00	4419200
30.00	-0.02 -0.07	41.20	+0.16 0.00	37.00	+0.16 0.00	7.50	10.00	4528900
32.00	-0.03 -0.09	40.00	+0.16 0.00	37.50	+0.16 0.00	5.00	8.00	6617900‡
35.00	-0.03 -0.09	43.00	+0.16 0.00	40.50	+0.16 0.00	5.00	8.00	4724800
36.00	-0.03 -0.09	44.00	+0.16 0.00	41.50	+0.16 0.00	5.00	8.00	6618000‡
40.00	-0.03 -0.09	48.00	+0.16 0.00	45.50	+0.16 0.00	5.00	8.00	6618100‡
40.00	-0.03 -0.09	50.60	+0.19 0.00	43.00	+0.16 0.00	5.30	7.00	4784100
41.28	-0.03 -0.09	49.28	+0.16 0.00	46.80	+0.16 0.00	5.00	8.00	4599900
45.00	-0.03 -0.09	53.00	+0.19 0.00	50.50	+0.19 0.00	5.00	8.00	6618200‡
45.00	-0.03 -0.09	55.60	+0.19 0.00	48.00	+0.16 0.00	5.30	7.00	4531201
50.00	-0.03 -0.09	58.00	+0.19 0.00	55.50	+0.19 0.00	5.00	8.00	6618300‡

NOTE

Part numbers suffixed by "‡" indicate housing sizes to meet ISO 6195A.



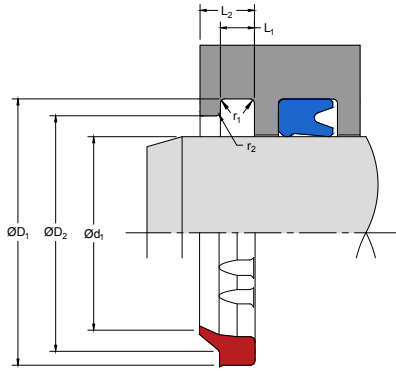


PART NUMBER RANGE

METRIC								
Ød ₁	TOL f9	ØD ₁	TOL H11	ØD ₂	TOL H11	L ₁ +0.20-0	L ₂	PART No.
50.00	-0.03 -0.09	58.60	+0.19 0.00	53.00	+0.19 0.00	5.30	7.00	4300400
50.00	-0.03 -0.09	60.60	+0.19 0.00	53.00	+0.19 0.00	5.30	7.00	4458000
55.00	-0.03 -0.10	65.00	+0.19 0.00	62.00	+0.19 0.00	6.30	10.00	4869300
55.00	-0.03 -0.10	65.60	+0.19 0.00	58.00	+0.19 0.00	5.30	7.00	4531401
56.00	-0.03 -0.10	66.00	+0.19 0.00	63.00	+0.19 0.00	6.30	10.00	6618400‡
56.00	-0.03 -0.10	66.60	+0.19 0.00	59.00	+0.19 0.00	5.30	7.00	4458100
60.00	-0.03 -0.10	70.00	+0.19 0.00	66.00	+0.19 0.00	5.30	7.00	4386200
60.00	-0.03 -0.10	70.00	+0.19 0.00	67.00	+0.19 0.00	6.30	10.00	4270200
60.00	-0.03 -0.10	70.60	+0.19 0.00	63.00	+0.19 0.00	5.30	7.00	4456400
63.00	-0.03 -0.10	73.00	+0.19 0.00	70.00	+0.19 0.00	6.30	10.00	6618500‡
63.00	-0.03 -0.10	73.60	+0.19 0.00	66.00	+0.19 0.00	5.30	7.00	4283600
65.00	-0.03 -0.10	75.00	+0.19 0.00	72.00	+0.19 0.00	6.30	10.00	4343800
65.00	-0.03 -0.10	75.60	+0.19 0.00	68.00	+0.19 0.00	5.30	7.00	4784200
70.00	-0.03 -0.10	80.00	+0.19 0.00	77.00	+0.19 0.00	6.30	10.00	6618600‡
70.00	-0.03 -0.10	80.60	+0.22 0.00	73.00	+0.19 0.00	5.30	7.00	4454000
70.00	-0.03 -0.10	82.20	+0.22 0.00	76.00	+0.19 0.00	7.20	12.00	4243900
75.00	-0.03 -0.10	83.60	+0.22 0.00	78.00	+0.19 0.00	5.30	7.00	4539500

NOTE

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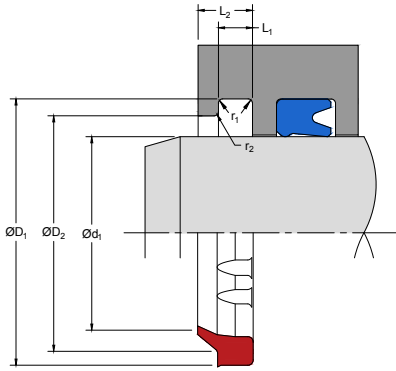
PART NUMBER RANGE

METRIC								
Ød ₁	TOL f9	ØD ₁	TOL H11	ØD ₂	TOL H11	L ₁ +0.20-0	L ₂	PART No.
75.00	-0.03 -0.10	85.00	+0.22 0.00	82.00	+0.22 0.00	6.30	10.00	4532500
75.00	-0.03 -0.10	87.20	+0.22 0.00	81.00	+0.22 0.00	7.20	12.00	4384400
80.00	-0.03 -0.10	90.00	+0.22 0.00	87.00	+0.22 0.00	6.30	10.00	6618700‡
80.00	-0.03 -0.10	91.00	+0.22 0.00	85.00	+0.22 0.00	7.50	11.00	4493200
80.00	-0.03 -0.10	92.20	+0.22 0.00	86.00	+0.22 0.00	7.20	12.00	4242800
82.60	-0.04 -0.12	92.20	+0.22 0.00	85.70	+0.22 0.00	5.30	7.10	4415500
85.00	-0.04 -0.12	93.60	+0.22 0.00	88.00	+0.22 0.00	5.30	7.00	4292100
85.00	-0.04 -0.12	97.20	+0.22 0.00	91.00	+0.22 0.00	7.20	12.00	4784300
85.00	-0.04 -0.12	98.00	+0.22 0.00	92.00	+0.22 0.00	7.50	11.50	4332800
88.00	-0.04 -0.12	100.20	+0.22 0.00	94.00	+0.22 0.00	7.20	12.00	4269400
90.00	-0.04 -0.12	100.00	+0.22 0.00	97.00	+0.22 0.00	6.30	10.00	6618800‡
90.00	-0.04 -0.12	102.20	+0.22 0.00	96.00	+0.22 0.00	7.20	12.00	4324500
92.00	-0.04 -0.12	112.00	+0.22 0.00	102.00	+0.22 0.00	7.00	11.00	4874200
95.00	-0.04 -0.12	107.20	+0.22 0.00	101.00	+0.22 0.00	7.20	12.00	6667600
100.00	-0.04 -0.12	110.60	+0.22 0.00	104.00	+0.22 0.00	5.30	7.00	4300200
100.00	-0.04 -0.12	112.20	+0.22 0.00	106.00	+0.22 0.00	7.20	12.00	4324600
100.00	-0.04 -0.12	115.00	+0.22 0.00	110.00	+0.22 0.00	9.50	14.00	6618900‡

NOTE

Part numbers suffixed by "‡" indicate housing sizes to meet ISO 6195A.



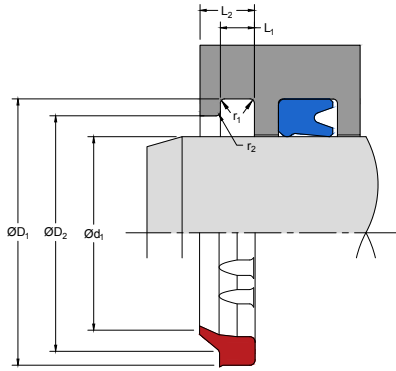


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METRIC								
$\varnothing d_1$	TOL f9	$\varnothing D_1$	TOL H11	$\varnothing D_2$	TOL H11	L_1 +0.20-0	L_2	PART No.
101.60	-0.04 -0.12	116.60	+0.22 0.00	111.60	+0.22 0.00	9.50	14.00	6619010
105.00	-0.04 -0.12	113.00	+0.22 0.00	110.50	+0.22 0.00	5.00	8.00	4290300
105.00	-0.04 -0.12	120.00	+0.22 0.00	112.00	+0.22 0.00	7.20	12.00	4539100
110.00	-0.04 -0.12	122.20	+0.25 0.00	116.00	+0.22 0.00	7.20	12.00	4459200
110.00	-0.04 -0.12	125.00	+0.25 0.00	120.00	+0.22 0.00	9.50	14.00	6619000‡
115.00	-0.04 -0.12	127.20	+0.25 0.00	121.00	+0.25 0.00	7.20	12.00	4324800
120.00	-0.04 -0.12	132.20	+0.25 0.00	126.00	+0.25 0.00	7.20	12.00	4454300
120.00	-0.04 -0.12	135.00	+0.25 0.00	130.00	+0.25 0.00	9.50	14.00	4385600
125.00	-0.04 -0.14	133.00	+0.25 0.00	130.80	+0.25 0.00	5.30	7.00	4393000
125.00	-0.04 -0.14	137.20	+0.25 0.00	131.00	+0.25 0.00	7.70	12.00	4233500
125.00	-0.04 -0.14	140.00	+0.25 0.00	132.60	+0.25 0.00	10.20	16.00	4784400
125.00	-0.04 -0.14	140.00	+0.25 0.00	135.00	+0.25 0.00	9.50	14.00	6619100‡
128.00	-0.04 -0.14	143.00	+0.25 0.00	138.00	+0.25 0.00	9.50	14.00	4581800
130.00	-0.04 -0.14	142.20	+0.25 0.00	136.00	+0.25 0.00	7.20	12.00	4304300
130.00	-0.04 -0.14	145.00	+0.25 0.00	137.60	+0.25 0.00	10.20	16.00	4784500
132.00	-0.04 -0.14	144.20	+0.25 0.00	138.00	+0.25 0.00	7.20	12.00	4269500
135.00	-0.04 -0.14	147.20	+0.25 0.00	141.00	+0.25 0.00	7.20	12.00	4869500

NOTE

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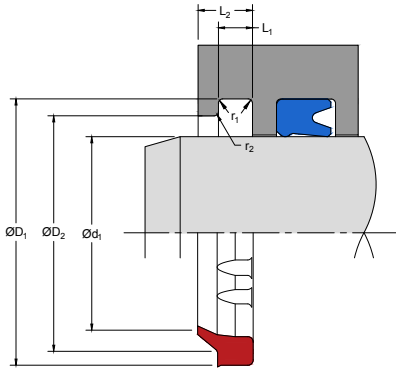
PART NUMBER RANGE

METRIC								
$\text{Ø}d_1$	TOL f9	$\text{Ø}D_1$	TOL H11	$\text{Ø}D_2$	TOL H11	L_1 +0.20-0	L_2	PART No.
135.00	-0.04 -0.14	150.00	+0.25 0.00	145.00	+0.25 0.00	9.50	14.00	4278700
140.00	-0.04 -0.14	148.60	+0.25 0.00	143.00	+0.25 0.00	5.30	7.00	4763800
140.00	-0.04 -0.14	152.20	+0.25 0.00	146.00	+0.25 0.00	7.70	12.00	4324900
140.00	-0.04 -0.14	155.00	+0.25 0.00	147.60	+0.25 0.00	10.20	16.00	4784600
140.00	-0.04 -0.14	155.00	+0.25 0.00	150.00	+0.25 0.00	9.50	14.00	6619200‡
145.00	-0.04 -0.14	153.60	+0.25 0.00	148.00	+0.25 0.00	5.30	7.00	4732200
145.00	-0.04 -0.14	160.00	+0.25 0.00	155.00	+0.25 0.00	9.50	14.00	4560600
150.00	-0.04 -0.14	162.20	+0.25 0.00	156.00	+0.25 0.00	7.70	12.00	4278900
150.00	-0.04 -0.14	165.00	+0.25 0.00	157.60	+0.25 0.00	10.20	16.00	4342500
150.00	-0.04 -0.14	165.00	+0.25 0.00	158.00	+0.25 0.00	7.20	12.00	6668500
150.00	-0.04 -0.14	166.00	+0.25 0.00	161.00	+0.25 0.00	8.00	12.00	4336700
155.00	-0.04 -0.14	163.00	+0.25 0.00	160.50	+0.25 0.00	5.00	8.00	4290200
155.00	-0.04 -0.14	167.20	+0.25 0.00	161.00	+0.25 0.00	7.70	12.00	4288200
155.00	-0.04 -0.14	175.00	+0.25 0.00	165.00	+0.25 0.00	10.20	18.00	4226400
160.00	-0.04 -0.14	172.20	+0.25 0.00	166.00	+0.25 0.00	7.70	12.00	4405700
160.00	-0.04 -0.14	175.00	+0.25 0.00	167.60	+0.25 0.00	10.20	16.00	4454100
160.00	-0.04 -0.14	175.00	+0.25 0.00	170.00	+0.25 0.00	9.50	14.00	6619300‡

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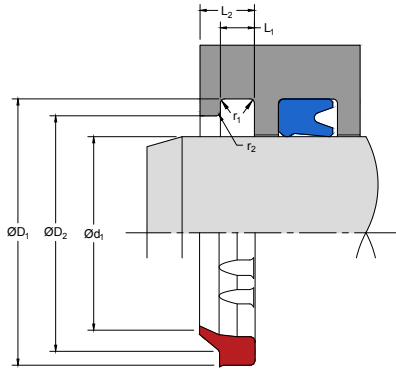


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METRIC								
$\varnothing d_1$	TOL f9	$\varnothing D_1$	TOL H11	$\varnothing D_2$	TOL H11	L_1 +0.20-0	L_2	PART No.
165.00	-0.04 -0.14	180.00	+0.25 0.00	175.00	+0.25 0.00	9.50	14.00	4537000
170.00	-0.04 -0.14	180.60	+0.29 0.00	174.00	+0.25 0.00	5.30	7.00	4732300
170.00	-0.04 -0.14	182.20	+0.29 0.00	176.00	+0.25 0.00	7.70	12.00	4233600
170.00	-0.04 -0.14	185.00	+0.29 0.00	180.00	+0.25 0.00	9.50	14.00	4745100
177.00	-0.04 -0.14	192.00	+0.29 0.00	187.00	+0.29 0.00	9.50	14.00	4287900
180.00	-0.04 -0.14	195.00	+0.29 0.00	190.00	+0.29 0.00	9.50	14.00	6619400±
180.00	-0.04 -0.14	200.00	+0.29 0.00	190.00	+0.29 0.00	10.20	18.00	4460900
185.00	-0.05 -0.17	200.00	+0.29 0.00	192.60	+0.29 0.00	10.20	16.00	4777300
185.00	-0.05 -0.17	205.00	+0.29 0.00	195.00	+0.29 0.00	10.20	18.00	4776100
190.00	-0.05 -0.17	198.60	+0.29 0.00	193.00	+0.29 0.00	5.30	7.00	4771100
190.00	-0.05 -0.17	205.00	+0.29 0.00	200.00	+0.29 0.00	9.50	14.00	4753100
190.00	-0.05 -0.17	210.00	+0.29 0.00	200.00	+0.29 0.00	10.20	18.00	4781000
195.00	-0.05 -0.17	210.00	+0.29 0.00	202.50	+0.29 0.00	10.20	16.00	4325100
200.00	-0.05 -0.17	208.60	+0.29 0.00	203.00	+0.29 0.00	5.30	7.00	4391600
200.00	-0.05 -0.17	215.00	+0.29 0.00	210.00	+0.29 0.00	9.50	14.00	6619500±
200.00	-0.05 -0.17	220.00	+0.29 0.00	210.00	+0.29 0.00	10.20	18.00	4387100
205.00	-0.05 -0.17	213.60	+0.29 0.00	208.00	+0.29 0.00	5.30	7.00	4773800

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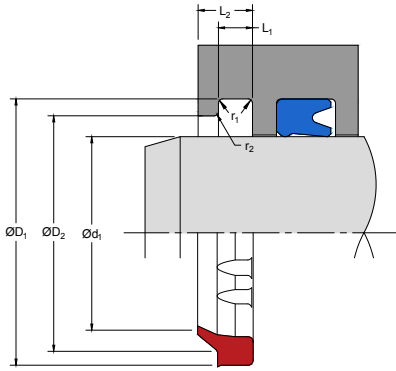
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Ød ₁	TOL f ₉	ØD ₁	TOL H ₁₁	ØD ₂	TOL H ₁₁	L ₁ +0.20-0	L ₂	PART No.
205.00	-0.05 -0.17	220.00	+0.29 0.00	215.00	+0.29 0.00	9.50	14.00	4560500
210.00	-0.05 -0.17	225.00	+0.29 0.00	220.00	+0.29 0.00	9.50	14.00	4598000
210.00	-0.05 -0.17	226.00	+0.29 0.00	221.00	+0.29 0.00	8.00	12.00	4336600
210.00	-0.05 -0.17	230.00	+0.29 0.00	220.00	+0.29 0.00	10.20	18.00	4325300
212.00	-0.05 -0.17	232.00	+0.29 0.00	225.50	+0.29 0.00	12.50	18.00	4293900
220.00	-0.05 -0.17	235.00	+0.29 0.00	227.60	+0.29 0.00	10.20	16.00	4325400
220.00	-0.05 -0.17	240.00	+0.29 0.00	230.00	+0.29 0.00	10.20	18.00	4799000
220.00	-0.05 -0.17	240.00	+0.29 0.00	233.50	+0.29 0.00	12.50	18.00	6619600‡
225.00	-0.05 -0.17	240.00	+0.29 0.00	235.00	+0.29 0.00	9.50	14.00	4287800
225.00	-0.05 -0.17	245.00	+0.29 0.00	235.00	+0.29 0.00	10.20	18.00	4325500
230.00	-0.05 -0.17	238.60	+0.29 0.00	233.00	+0.29 0.00	5.30	7.00	4514000
230.00	-0.05 -0.17	245.00	+0.29 0.00	240.00	+0.29 0.00	9.50	14.00	4767400
230.00	-0.05 -0.17	246.00	+0.29 0.00	240.70	+0.29 0.00	7.50	12.00	4290700
230.00	-0.05 -0.17	250.00	+0.29 0.00	240.00	+0.29 0.00	10.20	18.00	4325600
235.00	-0.05 -0.17	255.00	+0.32 0.00	245.00	+0.29 0.00	10.20	18.00	4325700
240.00	-0.05 -0.17	255.00	+0.32 0.00	250.00	+0.29 0.00	9.50	14.00	4745200
240.00	-0.05 -0.17	260.00	+0.32 0.00	250.00	+0.29 0.00	10.20	18.00	4520900

NOTE Part numbers suffixed by "‡" indicate housing sizes to meet ISO 6195A.



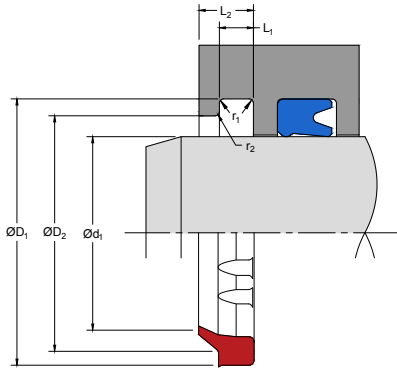


PART NUMBER RANGE

METRIC								
Ød ₁	TOL f ₉	ØD ₁	TOL H ₁₁	ØD ₂	TOL H ₁₁	L ₁ +0.20-0	L ₂	PART No.
240.00	-0.05 -0.17	260.00	+0.32 0.00	253.50	+0.32 0.00	12.50	18.00	4787100
245.00	-0.05 -0.17	265.00	+0.32 0.00	258.50	+0.32 0.00	12.50	18.00	4539600
250.00	-0.05 -0.17	270.00	+0.32 0.00	260.00	+0.32 0.00	10.20	18.00	4460100
250.00	-0.05 -0.17	270.00	+0.32 0.00	263.50	+0.32 0.00	12.50	18.00	6619700‡
255.00	-0.06 -0.19	270.00	+0.32 0.00	265.00	+0.32 0.00	9.50	14.00	4578200
260.00	-0.06 -0.19	275.00	+0.32 0.00	270.00	+0.32 0.00	9.50	14.00	4573100
260.00	-0.06 -0.19	280.00	+0.32 0.00	270.00	+0.32 0.00	10.20	18.00	4325900
265.00	-0.06 -0.19	280.00	+0.32 0.00	272.60	+0.32 0.00	10.20	16.00	4762900
265.00	-0.06 -0.19	285.00	+0.32 0.00	275.00	+0.32 0.00	10.20	15.00	4560400
270.00	-0.06 -0.19	278.60	+0.32 0.00	273.00	+0.32 0.00	5.30	7.00	4391700
270.00	-0.06 -0.19	286.00	+0.32 0.00	280.70	+0.32 0.00	7.50	12.00	4786400
270.00	-0.06 -0.19	290.00	+0.32 0.00	280.00	+0.32 0.00	10.20	15.00	4868900
275.00	-0.06 -0.19	295.00	+0.32 0.00	285.00	+0.32 0.00	10.20	15.00	4807400
280.00	-0.06 -0.19	295.00	+0.32 0.00	290.00	+0.32 0.00	9.50	14.00	4716100
280.00	-0.06 -0.19	300.00	+0.32 0.00	290.00	+0.32 0.00	10.20	15.00	4763900
285.00	-0.06 -0.19	300.00	+0.32 0.00	295.00	+0.32 0.00	9.50	14.00	4767300
285.00	-0.06 -0.19	305.00	+0.32 0.00	298.50	+0.32 0.00	12.50	18.00	4537100

NOTE

Part numbers suffixed by "‡" indicate housing sizes to meet ISO 6195A.



38

WIPER

Single-Lipped
Polyester
for Heavy-Duty Applications

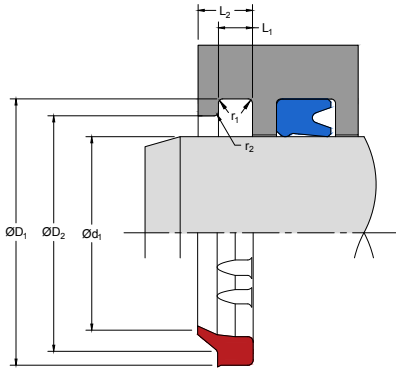
PART NUMBER RANGE

METRIC								
$\text{Ø}d_1$	TOL f9	$\text{Ø}D_1$	TOL H11	$\text{Ø}D_2$	TOL H11	L_1 +0.20-0	L_2	PART No.
288.00	-0.06 -0.19	308.00	+0.32 0.00	301.50	+0.32 0.00	10.20	15.00	4265300
290.00	-0.06 -0.19	310.00	+0.32 0.00	303.50	+0.32 0.00	12.50	18.00	4467300
295.00	-0.06 -0.19	315.00	+0.32 0.00	308.50	+0.32 0.00	12.50	18.00	4598100
300.00	-0.06 -0.19	316.00	+0.36 0.00	310.70	+0.32 0.00	7.50	12.00	4290800
300.00	-0.06 -0.19	320.00	+0.36 0.00	310.00	+0.32 0.00	10.20	18.00	4885400
300.00	-0.06 -0.19	320.00	+0.36 0.00	313.50	+0.32 0.00	12.50	18.00	4525300
305.00	-0.06 -0.19	325.00	+0.36 0.00	318.50	+0.36 0.00	12.50	18.00	4473200
320.00	-0.06 -0.20	340.00	+0.36 0.00	330.00	+0.36 0.00	10.20	18.00	4454200
325.00	-0.06 -0.20	345.00	+0.36 0.00	335.00	+0.36 0.00	10.20	18.00	4801100
330.00	-0.06 -0.20	346.00	+0.36 0.00	340.70	+0.36 0.00	7.50	12.00	4587300
335.00	-0.06 -0.20	355.00	+0.36 0.00	345.00	+0.36 0.00	10.20	18.00	4776800
340.00	-0.06 -0.20	360.00	+0.36 0.00	350.00	+0.36 0.00	10.20	18.00	4732500
350.00	-0.06 -0.20	370.00	+0.36 0.00	360.00	+0.36 0.00	10.20	18.00	4717900
355.00	-0.06 -0.20	375.00	+0.36 0.00	365.00	+0.36 0.00	10.20	18.00	4578300
360.00	-0.06 -0.20	380.00	+0.36 0.00	370.00	+0.36 0.00	10.20	18.00	4781200
370.00	-0.06 -0.20	390.00	+0.36 0.00	380.00	+0.36 0.00	10.20	18.00	4763000
370.00	-0.06 -0.20	390.00	+0.36 0.00	383.50	+0.36 0.00	12.50	18.00	4579800

NOTE

Part numbers suffixed by "+" indicate housing sizes to meet ISO 6195A.





PART NUMBER RANGE

METRIC								
Ød ₁	TOL f9	ØD ₁	TOL H11	ØD ₂	TOL H11	L ₁ +0.20-0	L ₂	PART No.
380.00	-0.06 -0.20	400.00	+0.36 0.00	393.50	+0.36 0.00	12.50	18.00	4752100
390.00	-0.06 -0.20	410.00	+0.40 0.00	400.00	+0.36 0.00	10.20	18.00	4851600
395.00	-0.06 -0.20	415.00	+0.40 0.00	405.00	+0.40 0.00	10.20	18.00	4807200
400.00	-0.06 -0.20	420.00	+0.40 0.00	410.00	+0.40 0.00	10.20	18.00	4769900
415.00	-0.07 -0.22	435.00	+0.40 0.00	425.00	+0.40 0.00	10.20	18.00	4820800
445.00	-0.07 -0.22	465.00	+0.40 0.00	455.00	+0.40 0.00	10.20	18.00	4838400
455.00	-0.07 -0.22	475.00	+0.40 0.00	465.00	+0.40 0.00	10.20	18.00	4777900
460.00	-0.07 -0.22	490.00	+0.40 0.00	475.00	+0.40 0.00	15.00	25.00	4849800
470.00	-0.07 -0.22	490.00	+0.40 0.00	480.00	+0.40 0.00	10.20	18.00	4814800

NOTE

Part numbers suffixed by "‡" indicate housing sizes to meet ISO 6195A.

