

Engineering Specification	Film Thickness	Film Zone	Salt Spray Hours	Humidity Hours
ARVIN MERITOR				
P25	0.7 - 1.1 Mils	High	200	0
BEHR				
M-1153	NA	Low	See Spec	0
BMW				
BMW S 600 87.0 LA SW 1	NA	Low		0
GS 90011	NA	Low		0
BORG WARNER COOLING				
01ES00002	0.4 - 1.0 Mils	Low	Per print or 250	0
BOSCH				
6 002 674 003	0.4 - 0.8 Mils	Low	480	0
ES-2531	0.5 Mils min	Mid	1000	0
BROSE				
562162-103/1002	0.788 - 1.38 mils	High	96	96
CATERPILLAR				
1E1267		NA	96	NA
CHRYSLER				
CS 9003 (Meets environmental requirements)		NA	NA	NA
MS-PB45-1	0.6 - 0.8 Mils	Mid	360	240
MS-PB45-2	0.6 - 0.7 Mils	Mid	360	240
MS-PB60-2C	0.6 Mils min	Mid	240, 360	240
PF-7051	See Engineering Spec	NA	0	0
PF-8871	See Engineering Spec	NA	96 min	24
PF-9968	See Engineering Spec	NA		240
PS-508	See Engineering Spec	NA	0	0
PS-7232	0.59 Mils min	Mid	0	240
PS-8875	See Engineering Spec	NA	168	0
CLUB CAR, CLASS II				
102466101	0.7 Mils	High	>300	0
CONTINENTAL TEVES				
ATE N 106 36.31 (Ob No. 301/4)	See ATE N 550 60.01	NA		
ATE N 550 60.01 (Type of Finish L7)	0.591-0.788 Mils(guide)	Mid	600	500
CUMMINGS				
21073	0.4 - 0.8 Mils	Low	750	500
DANA				
M-2008	0.4 - 2.3 Mils	Low	500	0
DAYCO				
DES-F004 (Except Section 2.3 & 2.4)	0.4 - 0.8 Mils	Low	336	0
DELPHI				
DCM 1581	See Engineering Spec	NA	336	0
DCM 5167	0.3 Mils min	Low	336	0
DCM 5188	See Engineering Spec	Low	336	96
DX 550043	0.394 - 0.591 Mils min	Low	na	0
DX551400	See Engineering Spec	Low	See Spec	0
DX551401	0.788 Mils	High	336	0
DX551402	0.788 Mils	High	168	0
DX551403	0.788 Mils	High	96	0
DX551404	0.788 Mils	High	0	0
DX551405	0.788 Mils	High	336	0
DX551406	0.788 Mils	High	168	0
DX551407	0.788 Mils	High	96	0

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DX551408	0.591 Mils	Mid	24	0
DX551409	0.591 Mils	Mid	0	0
DX650059	3.94 Mils max	See Spec	See Spec	See Spec
DENSO				
D 1N 02 B1-TFE13 (DDS 2346)	0.788 Mils	High	840	0
D 1N 02 B1-TFE13 (DDS 6700-001)	0.788 Mils	High	750	0
D 1N 02 B1-TFE21 (DDS 6700-001)	0.394 Mils	Low	384	0
D 1N 02 B1-TFE23 (DDS 2346)	0.394 Mils	Low	480	0
DEXTER AXLE				
ES-1039	0.4 - 1.0 Mils	Low	500	0
DONNELLY				
PD-1225	0.4 - 0.8 Mils	Low		0
EATON				
ES-560C	0.394 - 0.985 Mils	Low	500	0
TES 005	Not Specified	Low	96	180
FORD				
ESA-M2P15-A	0.512 Mils	Mid	0	0
ESA-M64J19-B1 to B4	0.788 - 0.985 Mils	High	1000	0
ESB-M2P129-B	0.709 - 1.18 Mils	High	500	0
ESB-M2P28-B	0.512 Mils min	Mid	96 parts 168 panels	0
ESB-M2P29-A	0.394 Mils	Low	120 panels 48 parts	0
ESB-M2P29-B	0.394 Mils	Low	48 parts 120 panels	0
ESB-M2P30-A	0.315 Mils	Low	96 panels 24 parts	0
ESB-M2P30-B	0.315 Mils	Low	24 parts 96 panels	0
ESB-M2P6-B	0.709 Mils min	High	240	0
ESB-M2P6-C	0.709 Mils min	High	500	0
ESB-M64J12-B	0.6 - 0.8 Mils	Mid	240	0
ESB-M64J19-A1 to A4	0.512 - 0.591 Mils	Mid	360	240
ESB-M64J20-A1 to A4	0.512 - 0.591 Mils	Mid	360	240
ESB-M64J23-A1 to A4	0.709 - 1.18 Mils	High	500	240
ESE-M2P10-A	0.512 Mils	Mid	168	0
ESE-M2P128-A	0.591 Mils min	Mid	168	0
ESN-M2P86-A	See Engineering Spec	NA	96	0
WSB-M64J28-A1 to A4	0.6 Mils	Mid	500	0
WSB-M64J36-A1 to A4	0.6 Mils min	Mid	500	0
WSK-M2P149-A1	See Engineering Spec	NA	240	0
WSK-M2P149-A1 and A2	See Engineering Spec	NA	240 - 480	0
WSK-M2P152-A1 (excl. top coat, powder)	0.394 Mils min	Low	96	0
WSK-M2P152-A2 (excl. top coat, powder)	0.591 Mils min	Mid	120	0
WSK-M2P152-A3 (excl. top coat, powder)	0.788 Mils min	High	240	0
WSK-M2P153-A1 to A6	NA	Low	16 - 480	0
WSK-M2P157-A1 to A3	0.788 Mils	High	96	0
WSS-M00P0000 A1 (Meets environmental req.)		NA	NA	NA
WSS-M2P177-A1 to A5	0.71 Mils Min	High	480	0
WSS-M2P185-A2	Not Specified	Low	480	0
WSS-M2P185-A4	Not Specified	Low	96	0
WSS-M64J39-A1-A5 (Satellite line)	0.4 - 0.8 Mils	Low	960	0
FREIGHTLINER				
49-00023 (101)	0.6 - 1.0 Mils	Mid	500	500
49-00023 (102)	0.6 - 1.0 Mils	Mid	240	240
49-00023 (103)	0.4 - 1.0 Mils	Low	240	240
FUJI				
TS430-7-89	0.591 Mils min	Mid		24

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GM				
GM 4350-M X.XXX	See Engineering Spec	Low	336	96
GM 9984017	0.394 - 0.788 Mils	Low	0	0
GM 9984090 (ZN Phos immersion)	NA	NA	0	96
GM 9984120	See Spec-table 3	See Spec-tbl. 3	168	96
GM 9984120 / 4350-M C-0	0.394 - 0.591 Mils	Low	336	96
GM 9984120 / 4350-M A-168	0.591 Mils min	Mid	168	96
GM 9984120 / 4350-M A-336	0.591 Mils min	Mid	336	96
GM 9984120 / 4350-M A-96	0.591 Mils min	Mid	96	96
GM 9984120 / 4350-M C-24	0.394 - 0.591 Mils	Low	24	96
GM 9984123 (ZN Phos)	See Paint Spec	See Paint Spec		0
GMW3059 (Meets environmental requirements)		NA	NA	NA
GORDON MFG				
4101	0.4 - 0.8 Mils	Low	96	0
HERMAN MILLER				
PR-132	0.4 - 1.2 Mils	Low	0	See Spec
SI-287	1.0 Mils min	High	150	0
HINO				
HS K 1010	Not Specified	Low	See Spec	0
HONDA				
5100 Z SEO-000	0.5 - 1.2 Mils	Mid	960	240
5100 Z SGO-000	NA	Low	480	0
HES D 2016-96 Grade 1	0.591 Mils min	Mid	See Spec	See Spec
HES D 2016-96 Grade 2	0.788 Mils min	High	See Spec	See Spec
HES D 2021-04 Grade 4	0.788 Mils min	High	240/480	240
HES D 2021-04 Grade 5	0.788 Mils min	High	600/1000	240
INALPHA				
IES.20.004 93142 (except edge corrosion)	See Engineering Spec	See Spec	240	240
ISUZU				
1SC-B51-001B Bxxx	0.985 Mils max	Low	See Spec	See Spec
JCI				
MEPM-PLUS-SP-04-07-05-E	0.512 - 1.02 Mils	Mid	0	See Spec
KELSEY-HAYES				
S-12193401-A	0.5 - 1.2 Mils	Mid	240	240
LUCAS/VARITY				
S-121934 01 B	0.5 - 1.2 Mils	Mid		0
MACK TRUCK				
617 GS 133	0.8 - 1.2 Mils	High	480	240
MAZDA				
MES MN 600 TXX CO1-CO8 (CRS)	See Engineering Spec	See Spec	120	0
MES MN 600 TXX CO41-CO6 (Galvanize)	See Engineering Spec	See Spec	72	0
MES MN 600 TXX-CO1-CO6 (Aluminum)	See Engineering Spec	See Spec	12	72
MERCEDES-BENZ				
DBL 7391-04/54	0.788 Mils	High	240-504	0
MILITARY				
MIL-P-52192	See Engineering Spec	Low	0	0
MILWAUKEE WIRE PRODUCTS				
457-0002-1	0.6 - 1.0 Mils	Mid	500	0
MISHAWAKA				
MES-722	0.5 - 1.0 Mils	Mid	240	0
MITSUBISHI				
ES-X 71221	See Engineering Spec	NA	720	0
ES-X71224	0.59 Mils	Mid	0	0

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NAVISTAR				
TMS-9009	0.6 Mils	Mid	250	250
NISSAN				
54400-NDS00 S-I	0.591 Mils min	Mid	800	240
NES-M 5050	0.591 - 0.985 Mils	Mid		
NES-M 5083	0.788 Mils	High	800	48
PACCAR				
CMT 0048 (Hot rolled pickle & oil)	0.6 - 1.0 Mils	Mid	336	750
CMT0030 (Hot rolled pickle & oil)	0.6 - 1.0 Mils	Mid	168	500
CMT0048 TYPE II (CRS) (Wealthy only)	0.6 - 1.0 Mils	Mid	336	750
CS0031 (CRS) (Wealthy only)	0.6 - 1.0 Mils	Mid	336	750
ROWE INTL.				
00147600	NA	Low	24	0
00168500	0.6 - 1.4 Mils	Mid	0	0
SIEMENS				
MPS-5062	0.4 - 1.1 Mils	Low	240	0
TENNECO				
PS-152.04	0.591 - 0.985 Mils	Mid	400	0
TOYOTA				
01206-00050-A, 1206-01003-A	0.591 Mils	Mid	720	0
01206-00051-A, 01206-01004-A	0.985 - 1.773 Mils	Satellite Line	960	0
TIS 01206-00056	0.788 - 1.30 Mils	High	840	0
TIS 01206-01009	0.788 Mils	High	840	0
TIS 01248-00092	0.788 Mils	High	See Spec	0
TSH 2354 G (CRS)	0.788 Mils min	High	840	0
TSH 2354 G (Galvneal)	0.394 Mils min	Low	480	0
TSH 3600 G	0.591 Mils	Mid	0	0
TSZ0001G (Meets environmental requirements)		NA	NA	NA
TRELLEBORG				
TES-5820	See Engineering Spec	NA	240	0
TRW				
045635	0.6 - 1.0 Mils	Mid	500	0
045638	0.4 - 1.2 Mils	Low	See Spec	0
TRW MS 00019	0.5 - 0.8 Mils	Mid	48	0
TRW MS 00081	0.5 - 0.8 Mils	Mid	48	0
VIKING				
SPF02-W01	0.6 - 1.0 Mils	Mid	0	0
W01/V01	See Engineering Spec	Low	0	0
VOLKSWAGEN				
TL 260	0.591 - 1.97 Mils	Mid	240	0
VOLVO				
MS-0036 (Volvo)	0.5 Mils	Mid	240	240
WHEEL HORSE				
112200 Wheelhorse	See Engineering Spec	Low	0	0
WHIRLPOOL				
WM-3561- A6	See Engineering Spec	Low	500	600
YH AMERICA				
YES053	0.394 - 0.788 Mils	Low	See Spec	0

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Approval: Tim Stitt

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