

WE START

WHERE

THE ROAD

ENDS

DATASHEET | MATERIAL HANDLING
PRESS-ON TIRES

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PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²											
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h	
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h		
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
5"																					
9 X 5 X 5	SOLIDEAL PON 555	■		■			229	127	200	960	790	855	715	695	570	960	790	680	515	1450	
6 1/4"																					
10 X 4 X 6 1/4	SOLIDEAL PON 555	■		■			252	102	225	780	640	700	590	565	465	780	640	560	420	1185	
10 X 5 X 6 1/4	SOLIDEAL PON 555	■		■			254	127	227	1030	840	915	770	745	610	1030	840	730	550	1550	
6 1/2"																					
10 X 4 X 6 1/2	SOLIDEAL PON 775	■		■		■	254	102	229	780	640	695	585	565	465	780	640	555	415	1175	
10 X 4 X 6 1/2	SOLIDEAL PON 555	■		■	■		252	102	227	780	640	695	585	565	465	780	640	555	415	1175	
10 X 4 3/4 X 6 1/2	SOLIDEAL PON 555	■		■			254	121	229	950	780	845	710	690	565	950	780	675	510	1430	
10 X 4 15/16 X 6 1/2	SOLIDEAL PON 555	■		■			256	125	230	1020	835	905	760	735	605	1015	835	725	545	1530	
10 X 5 X 6 1/2	SOLIDEAL PON 775	■		■		■	254	127	229	1010	830	905	760	735	605	1010	830	725	545	1530	
10 X 5 X 6 1/2	SOLIDEAL PON 550		■	■	■		252	127	227	1010	830	905	760	735	605	1010	830	725	545	1530	
10 X 5 X 6 1/2	SOLIDEAL PON 555	■		■	■		252	127	227	1010	830	905	760	735	605	1010	830	725	545	1530	
10 1/2 X 5 X 6 1/2	SOLIDEAL PON 775	■		■			267	127	237	1070	880	960	810	780	640	1070	880	770	575	1625	
10 1/2 X 5 X 6 1/2	SOLIDEAL PON 555	■		■	■		267	127	237	1070	880	960	810	780	640	1070	880	770	575	1625	
10 1/2 X 6 X 6 1/2	SOLIDEAL PON 555	■		■			267	152	237	1340	1100	1190	1000	970	795	1340	1100	950	715	2015	
8"																					
12 X 4 X 8	SOLIDEAL PON 555	■		■			305	102	275	905	745	810	680	660	540	905	745	905	485	1365	
12 X 4 1/2 X 8	SOLIDEAL PON 775	■		■		■	305	114	275	1040	855	930	780	755	620	1040	855	745	560	1575	
12 X 4 1/2 X 8	SOLIDEAL PON 555	■		■	■		305	114	275	1040	855	930	780	755	620	1040	855	745	560	1575	
12 X 4 1/2 X 8	SOLIDEAL PON 552		■*	■	■		306	114	276	1040	855	930	780	755	620	1040	855	745	560	1570	
12 X 5 X 8	SOLIDEAL PON 555	■		■			305	127	275	1190	980	1065	890	865	710	1190	980	850	635	1795	
12 X 5 1/2 X 8	SOLIDEAL PON 555	■		■	■		305	140	275	1340	1100	1195	1005	970	795	1340	1100	955	715	2020	
13 X 4 1/2 X 8	SOLIDEAL PON 555	■		■			330	114	292	1120	920	1000	840	815	670	1120	920	800	600	1685	
13 1/2 X 4 1/2 X 8	SOLIDEAL PON 555	■		■			343	114	301	1150	940	1025	860	835	685	1150	940	820	615	1730	
13 1/2 X 5 1/2 X 8	SOLIDEAL PON 775	■		■		■	344	140	301	1510	1240	1345	1130	1095	895	1510	1240	1080	810	2280	
13 1/2 X 5 1/2 X 8	SOLIDEAL PON 550		■	■	■		343	140	301	1510	1240	1345	1130	1095	895	1510	1240	1080	810	2280	
13 1/2 X 5 1/2 X 8	SOLIDEAL PON 555	■		■	■		343	140	301	1510	1240	1345	1130	1095	895	1510	1240	1080	810	2280	

PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
14 X 4 1/2 X 8	SOLIDEAL PON 775	■		■		■	357	114	310	1170	960	1045	875	850	695	1170	960	830	625	1760
14 X 4 1/2 X 8	SOLIDEAL PON 550		■	■	■		356	114	312	1170	960	1045	875	850	695	1170	960	830	625	1760
14 X 4 1/2 X 8	SOLIDEAL PON 555	■		■	■		352	114	309	1170	960	1045	875	850	695	1170	960	830	625	1760
10"																				
14 X 5 X 10	SOLIDEAL PON 775	■		■		■	357	127	327	1335	1095	1195	1000	970	795	1335	1095	955	715	2020
14 X 5 X 10	SOLIDEAL PON 550		■	■	■		356	127	328	1335	1095	1195	1000	970	795	1335	1095	955	715	2020
14 X 5 X 10	SOLIDEAL PON 555	■		■	■		354	127	328	1335	1095	1195	1000	970	795	1335	1095	955	715	2020
15 1/2 X 5 X 10	SOLIDEAL PON 550		■	■			396	127	353	1470	1210	1315	1100	1070	875	1470	1210	1050	790	2225
15 1/2 X 6 X 10	SOLIDEAL PON 555	■		■			396	152	353	1870	1530	1665	1400	1355	1110	1870	1530	1330	940	2830
10 1/2"																				
16 X 5 X 10 1/2	SOLIDEAL PON 775	■		■		■	407	127	365	1510	1240	1345	1130	1095	895	1510	1240	1080	805	2275
16 X 5 X 10 1/2	SOLIDEAL PON 550		■	■	■		406	127	367	1510	1240	1345	1130	1095	895	1510	1240	1080	805	2275
16 X 5 X 10 1/2	SOLIDEAL PON 555	■		■	■		403	127	362	1510	1240	1345	1130	1095	895	1510	1240	1080	805	2275
16 X 6 X 10 1/2	SOLIDEAL PON 775	■		■		■	407	152	365	1910	1570	1710	1435	1390	1140	1910	1570	1360	1020	2875
16 X 6 X 10 1/2	SOLIDEAL PON 550		■	■	■		406	152	367	1910	1570	1710	1435	1390	1140	1910	1570	1360	1020	2875
16 X 6 X 10 1/2	SOLIDEAL PON 555	■		■	■		403	152	362	1910	1570	1710	1435	1390	1140	1910	1570	1360	1020	2875
16 X 7 X 10 1/2	SOLIDEAL PON 775	■		■		■	407	178	365	2325	1910	2070	1740	1685	1380	2325	1910	1660	1245	3500
16 X 7 X 10 1/2	SOLIDEAL PON 550		■	■	■		411	178	368	2325	1910	2070	1740	1685	1380	2325	1910	1660	1245	3500
16 X 7 X 10 1/2	SOLIDEAL PON 555	■		■	■		406	178	365	2325	1910	2070	1740	1685	1380	2325	1910	1660	1245	3500
16 X 7 X 10 1/2	SOLIDEAL PON 552		■*	■			-	-	-	2325	1910	2070	1740	1685	1380	2325	1910	1660	1245	3500
11 1/4"																				
15 X 4 X 11 1/4	SOLIDEAL PON 555	■		■	■		382	102	354	1065	875	950	800	775	635	1065	875	760	570	1605
15 X 5 X 11 1/4	SOLIDEAL PON 775	■		■		■	383	127	356	1390	1140	1240	1040	1010	830	1390	1140	990	745	2100
15 X 5 X 11 1/4	SOLIDEAL PON 550		■	■	■		380	128	355	1390	1140	1240	1040	1010	830	1390	1140	990	745	2100
15 X 5 X 11 1/4	SOLIDEAL PON 555	■		■	■		379	127	354	1390	1140	1240	1040	1010	830	1390	1140	990	745	2100
15 X 6 X 11 1/4	SOLIDEAL PON 555	■		■			381	152	354	1715	1410	1530	1285	1245	1020	1715	1410	1225	920	2595

BLUE SECTIONS REPRESENT HUB SIZE

PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
16 1/4 X 5 X 11 1/4	SOLIDEAL PON 775	■		■		■	413	127	376	1530	1250	1360	1145	1105	905	1530	1250	1090	815	2300
16 1/4 X 5 X 11 1/4	SOLIDEAL PON 550		■	■	■		414	128	376	1530	1250	1360	1145	1105	905	1530	1250	1090	815	2300
16 1/4 X 5 X 11 1/4	SOLIDEAL PON 555	■		■	■		410	127	374	1530	1250	1360	1145	1105	905	1530	1250	1090	815	2300
16 1/4 X 6 X 11 1/4	SOLIDEAL PON 775	■		■		■	413	152	375	1920	1580	1715	1440	1395	1140	1920	1580	1370	1025	2890
16 1/4 X 6 X 11 1/4	SOLIDEAL PON 550		■	■	■		412	152	373	1920	1580	1715	1440	1395	1140	1920	1580	1370	1025	2890
16 1/4 X 6 X 11 1/4	SOLIDEAL PON 555	■		■	■		410	152	373	1920	1580	1715	1440	1395	1140	1920	1580	1370	1025	2890
16 1/4 X 7 X 11 1/4	SOLIDEAL PON 775	■		■		■	413	178	375	2325	1900	2060	1735	1680	1380	2325	1900	1650	1245	3500
16 1/4 X 7 X 11 1/4	SOLIDEAL PON 550		■	■	■		415	178	376	2325	1900	2060	1735	1680	1380	2325	1900	1650	1245	3500
16 1/4 X 7 X 11 1/4	SOLIDEAL PON 555	■		■	■		413	178	375	2325	1900	2060	1735	1680	1380	2325	1900	1650	1245	3500
16 1/4 X 8 X 11 1/4	SOLIDEAL PON 555	■		■			413	203	375	2715	2225	2420	2030	1965	1615	2710	2225	1935	1450	4090
12 1/8"																				
17 X 5 X 12 1/8	SOLIDEAL PON 555	■		■			432	127	395	1570	1290	1400	1180	1145	935	1570	1290	1120	845	2380
17 X 6 X 12 1/8	SOLIDEAL PON 550		■	■			432	127	395	1980	1630	1770	1485	1435	1180	1980	1630	1410	1065	3000
18 X 5 X 12 1/8	SOLIDEAL PON 550		■	■	■		462	127	415	1640	1350	1470	1230	1195	980	1640	1350	1170	880	2480
18 X 5 X 12 1/8	SOLIDEAL PON 555	■		■	■		457	127	412	1640	1350	1470	1230	1195	980	1640	1350	1170	880	2480
18 X 6 X 12 1/8	SOLIDEAL PON 775	■		■		■	457	152	412	2100	1720	1870	1575	1525	1250	2100	1720	1500	1120	3155
18 X 6 X 12 1/8	SOLIDEAL PON 550		■	■	■		457	152	415	2100	1720	1870	1575	1525	1250	2100	1720	1500	1120	3155
18 X 6 X 12 1/8	SOLIDEAL PON 555	■		■	■		453	152	412	2100	1720	1870	1575	1525	1250	2100	1720	1500	1120	3155
18 X 7 X 12 1/8	SOLIDEAL PON 775	■		■		■	459	178	414	2550	2100	2280	1910	1855	1520	2550	2100	1820	1370	3855
18 X 7 X 12 1/8	SOLIDEAL PON 550		■	■	■		457	178	415	2550	2100	2280	1910	1855	1520	2550	2100	1820	1370	3855
18 X 7 X 12 1/8	SOLIDEAL PON 555	■		■	■		457	178	412	2550	2100	2280	1910	1855	1520	2550	2100	1820	1370	3855
18 X 8 X 12 1/8	SOLIDEAL PON 775	■		■		■	458	203	412	3000	2475	2680	2250	2180	1790	3000	2475	2150	1605	4530
18 X 8 X 12 1/8	SOLIDEAL PON 550		■	■	■		457	203	415	3000	2475	2680	2250	2180	1790	3000	2475	2150	1605	4530
18 X 8 X 12 1/8	SOLIDEAL PON 555	■		■	■		453	203	412	3000	2475	2680	2250	2180	1790	3000	2475	2150	1605	4530
18 X 9 X 12 1/8	SOLIDEAL PON 550		■	■	■		457	229	412	3450	2850	3090	2600	2510	2060	3450	2850	2475	1855	5230
18 X 9 X 12 1/8	SOLIDEAL PON 555	■		■	■		453	229	409	3450	2850	3090	2600	2510	2060	3450	2850	2475	1855	5230

EXCEPTIONS: ■* MAG SEMI PATTERN

PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
15"																				
21 X 6 X 15	SOLIDEAL PON 550		■	■			538	152	490	2350	1930	2100	1765	1710	1400	2350	1930	1680	1255	3540
21 X 7 X 15	SOLIDEAL PON 775	■		■		■	535	179	488	2875	2350	2560	2150	2085	1710	2875	2350	2050	1540	4335
21 X 7 X 15	SOLIDEAL PON 550		■	■	■		533	178	487	2875	2350	2560	2150	2085	1710	2875	2350	2050	1540	4335
21 X 7 X 15	SOLIDEAL PON 555	■		■	■		529	178	490	2875	2350	2560	2150	2085	1710	2875	2350	2050	1540	4335
21 X 8 X 15	SOLIDEAL PON 775	■		■		■	534	204	487	3375	2775	3025	2540	2455	2015	3375	2775	2425	1810	5100
21 X 8 X 15	SOLIDEAL PON 550		■	■	■		533	203	487	3375	2775	3025	2540	2455	2015	3375	2775	2425	1810	5100
21 X 8 X 15	SOLIDEAL PON 555	■		■	■		529	203	487	3375	2775	3025	2540	2455	2015	3375	2775	2425	1810	5100
21 X 9 X 15	SOLIDEAL PON 775	■		■		■	533	229	487	3900	3200	3475	2920	2830	2320	3900	3200	2775	2090	5890
21 X 9 X 15	SOLIDEAL PON 550		■	■	■		534	229	490	3900	3200	3475	2920	2830	2320	3900	3200	2775	2090	5890
21 X 9 X 15	SOLIDEAL PON 555	■		■	■		531	229	487	3900	3200	3475	2920	2830	2320	3900	3200	2775	2090	5890
16"																				
20 X 8 X 16	SOLIDEAL PON 555	■		■			510	203	480	3010	2470	2685	2255	2185	1790	3010	2470	2150	1610	4545
20 X 8 X 16	SOLIDEAL PON 550		■	■			510	203	480	3010	2470	2685	2255	2185	1790	3010	2470	2150	1610	4545
20 X 9 X 16	SOLIDEAL PON 555	■		■			508	229	480	3445	2830	3075	2580	2500	2050	3445	2830	2460	1845	5200
22 X 6 X 16	SOLIDEAL PON 550		■	■	■		563	152	515	2450	2000	2180	1830	1770	1450	2450	2000	1740	1300	3670
22 X 6 X 16	SOLIDEAL PON 555	■		■			559	152	512	2450	2000	2180	1830	1770	1450	2450	2000	1740	1300	3670
22 X 7 X 16	SOLIDEAL PON 550		■	■	■		560	178	516	2975	2450	2650	2230	2160	1770	2975	2450	2125	1595	4495
22 X 7 X 16	SOLIDEAL PON 555	■		■	■		556	179	514	2975	2450	2650	2230	2160	1770	2975	2450	2125	1595	4495
22 X 8 X 16	SOLIDEAL PON 775	■		■		■	561	203	514	3500	2875	3130	2625	2545	2085	3500	2875	2500	1875	5285
22 X 8 X 16	SOLIDEAL PON 550		■	■	■		559	203	516	3500	2875	3130	2625	2545	2085	3500	2875	2500	1875	5285
22 X 8 X 16	SOLIDEAL PON 555	■		■	■		556	203	514	3500	2875	3130	2625	2545	2085	3500	2875	2500	1875	5285
22 X 9 X 16	SOLIDEAL PON 775	■		■		■	559	229	514	4050	3325	3600	3025	2930	2400	4050	3325	2875	2170	6110
22 X 9 X 16	SOLIDEAL PON 550		■	■	■		558	229	516	4050	3325	3600	3025	2930	2400	4050	3325	2875	2170	6110
22 X 9 X 16	SOLIDEAL PON 555	■		■	■		559	230	514	4050	3325	3600	3025	2930	2400	4050	3325	2875	2170	6110
22 X 10 X 16	SOLIDEAL PON 775	■		■		■	559	254	514	4575	3750	4080	3425	3315	2720	4575	3750	3250	2450	6900
22 X 10 X 16	SOLIDEAL PON 550		■	■	■		563	254	516	4575	3750	4080	3425	3315	2720	4575	3750	3250	2450	6900
22 X 10 X 16	SOLIDEAL PON 555	■		■	■		556	254	514	4575	3750	4080	3425	3315	2720	4575	3750	3250	2450	6900

EXCEPTIONS: ■* MAG SEMI PATTERN

PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
22 X 12 X 16	SOLIDEAL PON 775	■		■		■	560	305	515	5625	4625	5030	4225	4090	3350	5625	4625	4025	3020	8515
22 X 12 X 16	SOLIDEAL PON 550		■	■	■		559	304	516	5625	4625	5030	4225	4090	3350	5625	4625	4025	3020	8515
22 X 12 X 16	SOLIDEAL PON 555	■		■	■		555	305	514	5625	4625	5030	4225	4090	3350	5625	4625	4025	3020	8515
22 X 14 X 16	SOLIDEAL PON 555	■		■	■		556	356	514	6700	5505	5980	5025	4865	3990	6700	5505	4785	3595	10130
22 X 16 X 16	SOLIDEAL PON 555	■		■	■		559	406	514	7745	6360	6915	5810	5625	4610	7745	6360	5530	4155	11715
17 3/4"																				
22 X 6 X 17 3/4	SOLIDEAL PON 555	■		■			559	152	529	2345	1925	2090	1760	1700	1395	2345	1925	1675	1255	3545
22 X 7 X 17 3/4	SOLIDEAL PON 555	■		■			559	178	529	2830	2320	2520	2120	2050	1680	2825	2320	2015	1515	4265
22 X 8 X 17 3/4	SOLIDEAL PON 555	■		■			559	203	529	3275	2690	2925	2455	2380	1950	3275	2690	2340	1760	4955
20"																				
26 X 6 X 20	SOLIDEAL PON 555	■		■			663	152	617	2775	2275	2470	2075	2005	1645	2775	2275	1975	1475	4160
26 X 7 X 20	SOLIDEAL PON 555	■		■			-	-	-	3375	2775	3000	2525	2445	2005	3375	2775	2400	1805	5090
26 X 8 X 20	SOLIDEAL PON 555	■		■			663	203	617	3975	3275	3550	2980	2885	2365	3975	3275	2850	2125	5995
22"																				
28 X 10 X 22	SOLIDEAL PON 550		■	■	■		712	254	669	5470	4490	4880	4100	3970	3255	5470	4490	3905	2930	8260
28 X 10 X 22	SOLIDEAL PON 555	■		■	■		709	254	666	5470	4490	4880	4100	3970	3255	5470	4490	3905	2930	8260
28 X 12 X 22	SOLIDEAL PON 775	■		■		■	711	305	666	6740	5540	6020	5060	4900	4015	6740	5540	4820	3615	10190
28 X 12 X 22	SOLIDEAL PON 550		■	■	■		713	305	669	6740	5540	6020	5060	4900	4015	6740	5540	4820	3615	10190
28 X 12 X 22	SOLIDEAL PON 555	■		■	■		711	305	666	6740	5540	6020	5060	4900	4015	6740	5540	4820	3615	10190
28 X 14 X 22	SOLIDEAL PON 555	■		■			707	356	669	8020	6590	7160	6020	5820	4780	8020	6590	5720	4300	12125
28 X 14 X 22	SOLIDEAL PON 552		■*	■			716	356	669	8020	6590	7160	6020	5820	4780	8020	6590	5720	4300	12125
28 X 16 X 22	SOLIDEAL PON 555	■		■			711	406	666	9270	7620	8280	6950	6730	5520	9270	7620	6620	4975	14015
33 X 13 3/4 X 22	SOLIDEAL PON 555	■		■	■		845	350	757	9100	7445	7920	6500	6380	5200	9455	6735	5910	4725	13740
33 X 14 X 22	SOLIDEAL PON 775	■		■		■	841	356	752	9100	7445	7920	6500	6380	5200	9455	6735	5910	4725	13740
33 X 16 X 22	SOLIDEAL PON 775	■		■		■	840	406	752	10875	8915	9480	7780	7640	6225	11320	8065	7075	5660	16450
30"																				
40 X 20 X 30	SOLIDEAL SM	■			■		1020	508	941	16120	13180	14020	11520	11090	9210	16750	11935	10460	8375	24340

PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²											
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h	
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h		
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
140																					
250 / 75 - 140	SOLIDEAL SRP	■		■			250	75	218	560	460	500	420	-	-	665	440	400	305	845	
250 / 130 - 140	SOLIDEAL PON 555	■		■			250	130	218	1065	875	950	800	775	635	1065	875	760	570	1610	
170																					
250 / 80 - 170	SOLIDEAL PON 555	■		■			250	80	228	620	510	555	460	-	-	620	510	440	335	935	
250 / 105 - 170	SOLIDEAL PON 555	■		■			250	105	228	785	645	700	590	570	465	785	645	560	420	1185	
203																					
300 / 90 - 203	SOLIDEAL PON 555	■		■			300	90	272	835	685	745	625	-	-	995	655	595	450	1260	
220																					
365 / 160 - 220	SOLIDEAL PON 555	■		■			365	160	321	1880	1545	1680	1410	1365	1120	1880	1545	1345	1010	2840	
240																					
300 / 75 - 240	SOLIDEAL PON 555	■		■			301	75	285	625	515	560	470	-	-	625	515	445	340	945	
270																					
360 / 60 - 270	SOLIDEAL PON 555	■		■			362	60	336	560	460	500	415	-	-	665	435	400	300	845	
360 / 85 - 270	SOLIDEAL PON 555	■		■			362	85	336	880	720	785	655	-	-	1045	690	625	475	1325	
280																					
350 / 90 - 280	SOLIDEAL PON 555	■		■			350	90	331	905	740	805	675	-	-	1070	705	645	485	1360	
305																					
405 / 130 - 305	SOLIDEAL SM	■			■		407	130	377	1510	1240	1350	1135	1095	900	1510	1240	1080	810	2280	
405 / 130 - 305	SOLIDEAL SRP	■		■			TBD	TBD	377	1510	1240	1350	1135	1095	900	1510	1240	1080	810	2280	
405 / 260 - 305	SOLIDEAL SRP	■		■			401	260	377	3325	2730	2970	2495	2415	1980	3325	2730	2375	1780	5020	
415 / 75 - 305	SOLIDEAL PON 555	■		■			417	75	384	825	675	730	610	-	-	975	645	585	445	1240	
415 / 90 - 305	SOLIDEAL PON 555	■		■			417	90	384	1070	875	950	795	-	-	1265	835	760	575	1610	
415 / 100 - 305	SOLIDEAL PON 555	■		■			417	100	384	1115	915	1000	835	810	665	1115	915	795	595	1685	
425 / 150 - 305	SOLIDEAL SM	■			■		427	150	391	1910	1570	1700	1435	1385	1135	1910	1570	1365	1025	2885	
425 / 260 - 305	SOLIDEAL SRP	■		■			425	260	390	3620	2970	3230	2715	2630	2155	3620	2970	2585	1940	5470	
425 / 300 - 305	SOLIDEAL SRP	■		■			427	300	391	4245	3485	3790	3185	3085	2530	4245	3485	3030	2275	6410	
450 / 300 - 305	SOLIDEAL SRP	■		■			450	300	407	4645	3820	4145	3485	3375	3765	4645	3820	3320	2490	7020	

EXCEPTIONS: ■* MAG SEMI PATTERN

PRESS-ON TIRES

TECHNICAL DATA / METRIC

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter ⁵ (mm)	Counterbalanced lift trucks						Other vehicles ³				Static 0 km/h
										Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		6 km/h	10 km/h	16 km/h	25 km/h	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
370																				
520 / 120 - 370	SOLIDEAL PON 555	■		■			520	120	474	1675	1375	1495	1255	1215	995	1675	1375	1195	895	2520
550 / 150 - 370	SOLIDEAL PON 555	■		■			553	150	496	2355	1930	2095	1760	1705	1395	2345	1930	1675	1260	3545
410																				
540 / 200 - 410	SOLIDEAL SRP	■		■			540	200	502	3270	2685	2920	2450	2375	1945	3270	2685	2335	1750	4935
550 / 120 - 410	SOLIDEAL PON 555	■		■			550	120	509	1750	1440	1565	1315	1270	1040	1750	1440	1250	940	2645
550 / 160 - 410	SOLIDEAL SRP	■		■			550	160	509	2550	2100	2280	1915	1855	1520	2550	2100	1825	1370	3855
645 / 250 - 410	SOLIDEAL SRP	■		■			645	250	572	4810	3930	4180	3430	3305	2745	5000	3560	3125	2495	7260
645 / 300 - 410	SOLIDEAL SRP	■		■			645	300	572	6060	4960	5275	4330	4170	3460	6295	4485	3935	3150	9155
645 / 300 - 410	SOLIDEAL PON 555	■		■			-	-	-	6060	4960	5275	4330	4170	3460	6295	4485	3935	3150	9155
480																				
660 / 203 - 480	SOLIDEAL SRP +	■		■			660	203	606	3695	3025	3215	2640	2545	2110	3940	2735	2400	1920	5580
660 / 250 - 480	SOLIDEAL PON 555	■		■			655	250	606	4780	3910	4160	3415	3290	2735	4965	3540	3105	2485	7220
660 / 280 - 480	SOLIDEAL PON 555	■		■			660	280	606	5465	4480	4765	3915	3840	3130	5690	4055	3555	2845	8270
500																				
760 / 250 - 500	SOLIDEAL SRP +	■		■			764	250	682	5440	4450	4730	3885	3740	3105	5650	4025	3530	2825	8210

Remarks

- (1) Tolerances on wheel diameter
Code designated sizes (inch sizes): nominal rim diameter +0.005"/-0"
Metric sizes (mm sizes): h11 according to ISO/R286
Surface roughness: Ra < 6.3 µm
Chamfer: 5 mm wide @ 30°
- (2) The speeds quoted in the table are the maximum speeds of the unloaded vehicle.
An increase in load capacity for lower speeds is not permitted.
- (3) This category includes:
 - Drive and steer wheels on other than counterbalanced forklift trucks;
 - Wheels and mobile cranes;
 - Free-rolling wheels on trailers, up to a maximum distance of 2000 m per journey.
 For longer distances and for wheels fitted to rotary plants, please consult the technical department.

- (4) For Roll On/Roll Off trailers values of category "other vehicles" at appropriate speed should be taken.
- (5) The tire is considered worn out when the outside diameter is equal or smaller than the replacement overall diameter.

All specifications for non-marking tires are the same as the equivalent standard black tire.
This document contains technical data of all products globally. It is possible that certain items are not sold in your region. Please contact your local sales representative to check tire availability in your region.

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²											
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph	
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph		
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
5"																					
9 X 5 X 5	SOLIDEAL PON 555	■		■			9.0	5.0	7.9	2115	1740	1885	1575	1530	1255	2115	1740	1500	1135	3195	
6 1/4"																					
10 X 4 X 6 1/4	SOLIDEAL PON 555	■		■			9.9	4.0	8.9	1720	1410	1545	1300	1245	1025	1720	1410	1235	925	2610	
10 X 5 X 6 1/4	SOLIDEAL PON 555	■		■			10.0	5.0	8.9	2270	1850	2015	1700	1640	1345	2270	1850	1610	1215	3415	
6 1/2"																					
10 X 4 X 6 1/2	SOLIDEAL PON 775	■		■		■	10.0	4.0	9.0	1720	1410	1530	1290	1245	1025	1720	1410	1225	915	2590	
10 X 4 X 6 1/2	SOLIDEAL PON 555	■		■	■		9.9	4.0	9.0	1720	1410	1530	1290	1245	1025	1720	1410	1225	915	2590	
10 X 4 3/4 X 6 1/2	SOLIDEAL PON 555	■		■			10.0	4.8	9.0	2095	1720	1865	1565	1520	1245	2095	1720	1490	1125	3155	
10 X 4 15/16 X 6 1/2	SOLIDEAL PON 555	■		■			10.1	4.9	9.1	2250	1840	1995	1675	1620	1335	2240	1840	1600	1200	3375	
10 X 5 X 6 1/2	SOLIDEAL PON 775	■		■		■	10.0	5.0	9.0	2225	1830	1995	1675	1620	1335	2225	1830	1600	1200	3375	
10 X 5 X 6 1/2	SOLIDEAL PON 550		■	■	■		9.9	5.0	9.0	2225	1830	1995	1675	1620	1335	2225	1830	1600	1200	3375	
10 X 5 X 6 1/2	SOLIDEAL PON 555	■		■	■		9.9	5.0	9.0	2225	1830	1995	1675	1620	1335	2225	1830	1600	1200	3375	
10 1/2 X 5 X 6 1/2	SOLIDEAL PON 775	■		■			10.5	5.0	9.3	2360	1940	2115	1785	1720	1410	2360	1940	1700	1270	3585	
10 1/2 X 5 X 6 1/2	SOLIDEAL PON 555	■		■	■		10.5	5.0	9.3	2360	1940	2115	1785	1720	1410	2360	1940	1700	1270	3585	
10 1/2 X 6 X 6 1/2	SOLIDEAL PON 555	■		■			10.5	6.0	9.3	2955	2425	2625	2205	2140	1755	2955	2425	2095	1575	4440	
8"																					
12 X 4 X 8	SOLIDEAL PON 555	■		■			12.0	4.0	10.8	1995	1640	1785	1500	1455	1190	1995	1640	1995	1070	3010	
12 X 4 1/2 X 8	SOLIDEAL PON 775	■		■		■	12.0	4.5	10.8	2295	1885	2050	1720	1665	1365	2295	1885	1640	1235	3470	
12 X 4 1/2 X 8	SOLIDEAL PON 555	■		■	■		12.0	4.5	10.8	2295	1885	2050	1720	1665	1365	2295	1885	1640	1235	3470	
12 X 4 1/2 X 8	SOLIDEAL PON 552		■*	■	■		12.0	4.5	10.8	2295	1885	2050	1720	1665	1365	2295	1885	1640	1235	3460	
12 X 5 X 8	SOLIDEAL PON 555	■		■			12.0	5.0	10.8	2625	2160	2350	1960	1905	1565	2625	2160	1875	1400	3955	
12 X 5 1/2 X 8	SOLIDEAL PON 555	■		■	■		12.0	5.5	10.8	2955	2425	2635	2215	2140	1755	2955	2425	2105	1575	4455	
13 X 4 1/2 X 8	SOLIDEAL PON 555	■		■			13.0	4.5	11.5	2470	2030	2205	1850	1795	1475	2470	2030	1765	1325	3715	
13 1/2 X 4 1/2 X 8	SOLIDEAL PON 555	■		■			13.5	4.5	11.8	2535	2070	2260	1895	1840	1510	2535	2070	1810	1355	3815	
13 1/2 X 5 1/2 X 8	SOLIDEAL PON 775	■		■		■	13.5	5.5	11.9	3330	2735	2965	2490	2415	1975	3330	2735	2380	1785	5025	
13 1/2 X 5 1/2 X 8	SOLIDEAL PON 550		■	■	■		13.5	5.5	11.9	3330	2735	2965	2490	2415	1975	3330	2735	2380	1785	5025	
13 1/2 X 5 1/2 X 8	SOLIDEAL PON 555	■		■	■		13.5	5.5	11.8	3330	2735	2965	2490	2415	1975	3330	2735	2380	1785	5025	

EXCEPTIONS: ■* MAG SEMI PATTERN

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
14 X 4 1/2 X 8	SOLIDEAL PON 775	■		■		■	14.1	4.5	12.2	2580	2115	2305	1930	1875	1530	2580	2115	1830	1380	3880
14 X 4 1/2 X 8	SOLIDEAL PON 550		■	■	■		14.0	4.5	12.3	2580	2115	2305	1930	1875	1530	2580	2115	1830	1380	3880
14 X 4 1/2 X 8	SOLIDEAL PON 555	■		■	■		13.9	4.5	12.2	2580	2115	2305	1930	1875	1530	2580	2115	1830	1380	3880
10"																				
14 X 5 X 10	SOLIDEAL PON 775	■		■		■	14.1	5.0	12.9	2945	2415	2635	2205	2140	1755	2945	2415	2105	1575	4455
14 X 5 X 10	SOLIDEAL PON 550		■	■	■		14.0	5.0	12.9	2945	2415	2635	2205	2140	1755	2945	2415	2105	1575	4455
14 X 5 X 10	SOLIDEAL PON 555	■		■	■		13.9	5.0	12.9	2945	2415	2635	2205	2140	1755	2945	2415	2105	1575	4455
15 1/2 X 5 X 10	SOLIDEAL PON 550		■	■			15.6	5.0	13.9	3240	2670	2900	2425	2360	1930	3240	2670	2315	1740	4905
15 1/2 X 6 X 10	SOLIDEAL PON 555	■		■			15.6	6.0	13.9	4125	3375	3670	3085	2985	2445	4125	3375	2930	2070	6240
10 1/2"																				
16 X 5 X 10 1/2	SOLIDEAL PON 775	■		■		■	16.0	5.0	14.4	3330	2735	2965	2490	2415	1975	3330	2735	2380	1775	5015
16 X 5 X 10 1/2	SOLIDEAL PON 550		■	■	■		16.0	5.0	14.4	3330	2735	2965	2490	2415	1975	3330	2735	2380	1775	5015
16 X 5 X 10 1/2	SOLIDEAL PON 555	■		■	■		15.9	5.0	14.3	3330	2735	2965	2490	2415	1975	3330	2735	2380	1775	5015
16 X 6 X 10 1/2	SOLIDEAL PON 775	■		■		■	16.0	6.0	14.4	4210	3460	3770	3165	3065	2515	4210	3460	3000	2250	6340
16 X 6 X 10 1/2	SOLIDEAL PON 550		■	■	■		16.0	6.0	14.4	4210	3460	3770	3165	3065	2515	4210	3460	3000	2250	6340
16 X 6 X 10 1/2	SOLIDEAL PON 555	■		■	■		15.9	6.0	14.3	4210	3460	3770	3165	3065	2515	4210	3460	3000	2250	6340
16 X 7 X 10 1/2	SOLIDEAL PON 775	■		■		■	16.0	7.0	14.4	5125	4210	4565	3835	3715	3040	5125	4210	3660	2745	7715
16 X 7 X 10 1/2	SOLIDEAL PON 550		■	■	■		16.2	7.0	14.5	5125	4210	4565	3835	3715	3040	5125	4210	3660	2745	7715
16 X 7 X 10 1/2	SOLIDEAL PON 555	■		■	■		16.0	7.0	14.4	5125	4210	4565	3835	3715	3040	5125	4210	3660	2745	7715
16 X 7 X 10 1/2	SOLIDEAL PON 552		■*	■			-	-	-	5125	4210	4565	3835	3715	3040	5125	4210	3660	2745	7715
11 1/4"																				
15 X 4 X 11 1/4	SOLIDEAL PON 555	■		■	■		15.0	4.0	13.9	2350	1930	2095	1765	1710	1400	2350	1930	1675	1255	3540
15 X 5 X 11 1/4	SOLIDEAL PON 775	■		■		■	15.1	5.0	14.0	3065	2515	2735	2295	2225	1830	3065	2515	2185	1640	4630
15 X 5 X 11 1/4	SOLIDEAL PON 550		■	■	■		15.0	5.0	14.0	3065	2515	2735	2295	2225	1830	3065	2515	2185	1640	4630
15 X 5 X 11 1/4	SOLIDEAL PON 555	■		■	■		14.9	5.0	13.9	3065	2515	2735	2295	2225	1830	3065	2515	2185	1640	4630
15 X 6 X 11 1/4	SOLIDEAL PON 555	■		■			15.0	6.0	13.9	3780	3110	3375	2835	2745	2250	3780	3110	2700	2030	5720

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
16 1/4 X 5 X 11 1/4	SOLIDEAL PON 775	■		■		■	16.3	5.0	14.8	3375	2755	3000	2525	2435	1995	3375	2755	2405	1795	5070
16 1/4 X 5 X 11 1/4	SOLIDEAL PON 550		■	■	■		16.3	5.0	14.8	3375	2755	3000	2525	2435	1995	3375	2755	2405	1795	5070
16 1/4 X 5 X 11 1/4	SOLIDEAL PON 555	■		■	■		16.1	5.0	14.7	3375	2755	3000	2525	2435	1995	3375	2755	2405	1795	5070
16 1/4 X 6 X 11 1/4	SOLIDEAL PON 775	■		■		■	16.3	6.0	14.8	4235	3485	3780	3175	3075	2515	4235	3485	3020	2260	6370
16 1/4 X 6 X 11 1/4	SOLIDEAL PON 550		■	■	■		16.2	6.0	14.7	4235	3485	3780	3175	3075	2515	4235	3485	3020	2260	6370
16 1/4 X 6 X 11 1/4	SOLIDEAL PON 555	■		■	■		16.1	6.0	14.7	4235	3485	3780	3175	3075	2515	4235	3485	3020	2260	6370
16 1/4 X 7 X 11 1/4	SOLIDEAL PON 775	■		■		■	16.3	7.0	14.8	5125	4190	4540	3825	3705	3040	5125	4190	3640	2745	7715
16 1/4 X 7 X 11 1/4	SOLIDEAL PON 550		■	■	■		16.3	7.0	14.8	5125	4190	4540	3825	3705	3040	5125	4190	3640	2745	7715
16 1/4 X 7 X 11 1/4	SOLIDEAL PON 555	■		■	■		16.3	7.0	14.8	5125	4190	4540	3825	3705	3040	5125	4190	3640	2745	7715
16 1/4 X 8 X 11 1/4	SOLIDEAL PON 555	■		■			16.3	8.0	14.8	5985	4905	5335	4475	4330	3560	5975	4905	4265	3195	9015
12 1/8"																				
17 X 5 X 12 1/8	SOLIDEAL PON 555	■		■			17.0	5.0	15.6	3460	2845	3085	2600	2525	2060	3460	2845	2470	1865	5245
17 X 6 X 12 1/8	SOLIDEAL PON 550		■	■			17.0	5.0	15.6	4365	3595	3900	3275	3165	2600	4365	3595	3110	2350	6615
18 X 5 X 12 1/8	SOLIDEAL PON 550		■	■	■		18.2	5.0	16.3	3615	2975	3240	2710	2635	2160	3615	2975	2580	1940	5465
18 X 5 X 12 1/8	SOLIDEAL PON 555	■		■	■		18.0	5.0	16.2	3615	2975	3240	2710	2635	2160	3615	2975	2580	1940	5465
18 X 6 X 12 1/8	SOLIDEAL PON 775	■		■		■	18.0	6.0	16.2	4630	3790	4125	3470	3360	2755	4630	3790	3305	2470	6955
18 X 6 X 12 1/8	SOLIDEAL PON 550		■	■	■		18.0	6.0	16.3	4630	3790	4125	3470	3360	2755	4630	3790	3305	2470	6955
18 X 6 X 12 1/8	SOLIDEAL PON 555	■		■	■		17.8	6.0	16.2	4630	3790	4125	3470	3360	2755	4630	3790	3305	2470	6955
18 X 7 X 12 1/8	SOLIDEAL PON 775	■		■		■	18.1	7.0	16.3	5620	4630	5025	4210	4090	3350	5620	4630	4010	3020	8500
18 X 7 X 12 1/8	SOLIDEAL PON 550		■	■	■		18.0	7.0	16.3	5620	4630	5025	4210	4090	3350	5620	4630	4010	3020	8500
18 X 7 X 12 1/8	SOLIDEAL PON 555	■		■	■		18.0	7.0	16.2	5620	4630	5025	4210	4090	3350	5620	4630	4010	3020	8500
18 X 8 X 12 1/8	SOLIDEAL PON 775	■		■		■	18.0	8.0	16.2	6615	5455	5910	4960	4805	3945	6615	5455	4740	3540	9985
18 X 8 X 12 1/8	SOLIDEAL PON 550		■	■	■		18.0	8.0	16.3	6615	5455	5910	4960	4805	3945	6615	5455	4740	3540	9985
18 X 8 X 12 1/8	SOLIDEAL PON 555	■		■	■		17.8	8.0	16.2	6615	5455	5910	4960	4805	3945	6615	5455	4740	3540	9985
18 X 9 X 12 1/8	SOLIDEAL PON 550		■	■	■		18.0	9.0	16.2	7605	6285	6810	5730	5535	4540	7605	6285	5455	4090	11530
18 X 9 X 12 1/8	SOLIDEAL PON 555	■		■	■		17.8	9.0	16.1	7605	6285	6810	5730	5535	4540	7605	6285	5455	4090	11530

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²											
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph	
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph		
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
15"																					
21 X 6 X 15	SOLIDEAL PON 550		■	■			21.2	6.0	19.3	5180	4255	4630	3890	3770	3085	5180	4255	3705	2765	7805	
21 X 7 X 15	SOLIDEAL PON 775	■		■		■	21.1	7.0	19.2	6340	5180	5645	4740	4595	3770	6340	5180	4520	3395	9555	
21 X 7 X 15	SOLIDEAL PON 550		■	■	■		21.0	7.0	19.2	6340	5180	5645	4740	4595	3770	6340	5180	4520	3395	9555	
21 X 7 X 15	SOLIDEAL PON 555	■		■	■		20.8	7.0	19.3	6340	5180	5645	4740	4595	3770	6340	5180	4520	3395	9555	
21 X 8 X 15	SOLIDEAL PON 775	■		■		■	21.0	8.0	19.2	7440	6120	6670	5600	5410	4440	7440	6120	5345	3990	11245	
21 X 8 X 15	SOLIDEAL PON 550		■	■	■		21.0	8.0	19.2	7440	6120	6670	5600	5410	4440	7440	6120	5345	3990	11245	
21 X 8 X 15	SOLIDEAL PON 555	■		■	■		20.8	8.0	19.2	7440	6120	6670	5600	5410	4440	7440	6120	5345	3990	11245	
21 X 9 X 15	SOLIDEAL PON 775	■		■		■	21.0	9.0	19.2	8600	7055	7660	6435	6240	5115	8600	7055	6120	4610	12985	
21 X 9 X 15	SOLIDEAL PON 550		■	■	■		21.0	9.0	19.3	8600	7055	7660	6435	6240	5115	8600	7055	6120	4610	12985	
21 X 9 X 15	SOLIDEAL PON 555	■		■	■		20.9	9.0	19.2	8600	7055	7660	6435	6240	5115	8600	7055	6120	4610	12985	
16"																					
20 X 8 X 16	SOLIDEAL PON 555	■		■			20.1	8.0	18.9	6635	5445	5920	4970	4815	3945	6635	5445	4740	3550	10020	
20 X 8 X 16	SOLIDEAL PON 550		■	■			20.1	8.0	18.9	6635	5445	5920	4970	4815	3945	6635	5445	4740	3550	10020	
20 X 9 X 16	SOLIDEAL PON 555	■		■			20.0	9.0	18.9	7595	6240	6780	5690	5510	4520	7595	6240	5425	4070	11465	
22 X 6 X 16	SOLIDEAL PON 550		■	■	■		22.2	6.0	20.3	5400	4410	4805	4035	3900	3195	5400	4410	3835	2865	8090	
22 X 6 X 16	SOLIDEAL PON 555	■		■			22.0	6.0	20.2	5400	4410	4805	4035	3900	3195	5400	4410	3835	2865	8090	
22 X 7 X 16	SOLIDEAL PON 550		■	■	■		22.0	7.0	20.3	6560	5400	5840	4915	4760	3900	6560	5400	4685	3515	9910	
22 X 7 X 16	SOLIDEAL PON 555	■		■	■		21.9	7.0	20.2	6560	5400	5840	4915	4760	3900	6560	5400	4685	3515	9910	
22 X 8 X 16	SOLIDEAL PON 775	■		■		■	22.1	8.0	20.2	7715	6340	6900	5785	5610	4595	7715	6340	5510	4135	11650	
22 X 8 X 16	SOLIDEAL PON 550		■	■	■		22.0	8.0	20.3	7715	6340	6900	5785	5610	4595	7715	6340	5510	4135	11650	
22 X 8 X 16	SOLIDEAL PON 555	■		■	■		21.9	8.0	20.2	7715	6340	6900	5785	5610	4595	7715	6340	5510	4135	11650	
22 X 9 X 16	SOLIDEAL PON 775	■		■		■	22.0	9.0	20.2	8930	7330	7935	6670	6460	5290	8930	7330	6340	4785	13470	
22 X 9 X 16	SOLIDEAL PON 550		■	■	■		22.0	9.0	20.3	8930	7330	7935	6670	6460	5290	8930	7330	6340	4785	13470	
22 X 9 X 16	SOLIDEAL PON 555	■		■	■		22.0	9.1	20.2	8930	7330	7935	6670	6460	5290	8930	7330	6340	4785	13470	
22 X 10 X 16	SOLIDEAL PON 775	■		■		■	22.0	10.0	20.2	10085	8265	8995	7550	7310	5995	10085	8265	7165	5400	15210	
22 X 10 X 16	SOLIDEAL PON 550		■	■	■		22.2	10.0	20.3	10085	8265	8995	7550	7310	5995	10085	8265	7165	5400	15210	
22 X 10 X 16	SOLIDEAL PON 555	■		■	■		21.9	10.0	20.2	10085	8265	8995	7550	7310	5995	10085	8265	7165	5400	15210	

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
22 X 12 X 16	SOLIDEAL PON 775	■		■		■	22.0	12.0	20.3	12400	10195	11090	9315	9015	7385	12400	10195	8875	6660	18770
22 X 12 X 16	SOLIDEAL PON 550		■	■	■		22.0	12.0	20.3	12400	10195	11090	9315	9015	7385	12400	10195	8875	6660	18770
22 X 12 X 16	SOLIDEAL PON 555	■		■	■		21.9	12.0	20.2	12400	10195	11090	9315	9015	7385	12400	10195	8875	6660	18770
22 X 14 X 16	SOLIDEAL PON 555	■		■	■		21.9	14.0	20.2	14770	12135	13185	11080	10725	8795	14770	12135	10550	7925	22335
22 X 16 X 16	SOLIDEAL PON 555	■		■	■		22.0	16.0	20.2	17075	14020	15245	12810	12400	10165	17075	14020	12190	9160	25825
17 3/4"																				
22 X 6 X 17 3/4	SOLIDEAL PON 555	■		■			22.0	6.0	20.8	5170	4245	4610	3880	3750	3075	5170	4245	3695	2765	7815
22 X 7 X 17 3/4	SOLIDEAL PON 555	■		■			22.0	7.0	20.8	6240	5115	5555	4675	4520	3705	6230	5115	4440	3340	9405
22 X 8 X 17 3/4	SOLIDEAL PON 555	■		■			22.0	8.0	20.8	7220	5930	6450	5410	5245	4300	7220	5930	5160	3880	10925
20"																				
26 X 6 X 20	SOLIDEAL PON 555	■		■			26.1	6.0	24.3	6120	5015	5445	4575	4420	3625	6120	5015	4355	3250	9170
26 X 7 X 20	SOLIDEAL PON 555	■		■			-	-	-	7440	6120	6615	5565	5390	4420	7440	6120	5290	3980	11220
26 X 8 X 20	SOLIDEAL PON 555	■		■			26.1	8.0	24.3	8765	7220	7825	6570	6360	5215	8765	7220	6285	4685	13215
22"																				
28 X 10 X 22	SOLIDEAL PON 550		■	■	■		28.0	10.0	26.3	12060	9900	10760	9040	8750	7175	12060	9900	8610	6460	18210
28 X 10 X 22	SOLIDEAL PON 555	■		■	■		27.9	10.0	26.2	12060	9900	10760	9040	8750	7175	12060	9900	8610	6460	18210
28 X 12 X 22	SOLIDEAL PON 775	■		■		■	28.0	12.0	26.2	14860	12215	13270	11155	10805	8850	14860	12215	10625	7970	22465
28 X 12 X 22	SOLIDEAL PON 550		■	■	■		28.1	12.0	26.3	14860	12215	13270	11155	10805	8850	14860	12215	10625	7970	22465
28 X 12 X 22	SOLIDEAL PON 555	■		■	■		28.0	12.0	26.2	14860	12215	13270	11155	10805	8850	14860	12215	10625	7970	22465
28 X 14 X 22	SOLIDEAL PON 555	■		■			27.8	14.0	26.3	17680	14530	15785	13270	12830	10540	17680	14530	12610	9480	26730
28 X 14 X 22	SOLIDEAL PON 552		■*	■			28.2	14.0	26.3	17680	14530	15785	13270	12830	10540	17680	14530	12610	9480	26730
28 X 16 X 22	SOLIDEAL PON 555	■		■			28.0	16.0	26.2	20435	16800	18255	15320	14835	12170	20435	16800	14595	10970	30900
33 X 13 3/4 X 22	SOLIDEAL PON 555	■		■	■		33.3	13.8	29.8	20060	16415	17460	14330	14065	11465	20845	14850	13030	10415	30290
33 X 14 X 22	SOLIDEAL PON 555	■		■		■	33.1	14.0	29.6	20060	16415	17460	14330	14065	11465	20845	14850	13030	10415	30290
33 X 16 X 22	SOLIDEAL PON 775	■		■		■	33.1	16.0	-	23975	19655	20900	17150	16845	13725	24955	17780	15600	12480	36265
30"																				
40 X 20 X 30	SOLIDEAL SM	■			■		40.2	20	37.1	35540	29055	30910	25395	24450	20305	36925	26310	23060	18465	53660

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
140																				
250 / 75 - 140	SOLIDEAL SRP	■		■			9.8	3.0	8.6	1235	1015	1100	925	-	-	1465	970	880	670	1865
250 / 130 - 140	SOLIDEAL PON 555	■		■			9.8	5.1	8.6	2350	1930	2095	1765	1710	1400	2350	1930	1675	1255	3550
170																				
250 / 80 - 170	SOLIDEAL PON 555	■		■			9.8	3.1	9.0	1365	1125	1225	1015	-	-	1365	1125	970	740	2060
250 / 105 - 170	SOLIDEAL PON 555	■		■			9.8	4.1	9.0	1730	1420	1545	1300	1255	1025	1730	1420	1235	925	2610
203																				
300 / 90 - 203	SOLIDEAL PON 555	■		■			11.8	3.5	10.7	1840	1510	1640	1380	-	-	2195	1445	1310	990	2780
220																				
365 / 160 - 220	SOLIDEAL PON 555	■		■			14.4	6.3	12.6	4145	3405	3705	3110	3010	2470	4145	3405	2965	2225	6260
240																				
300 / 75 - 240	SOLIDEAL PON 555	■		■			11.9	3.0	11.2	1380	1135	1235	1035	-	-	1380	1135	980	750	2085
270																				
360 / 60 - 270	SOLIDEAL PON 555	■		■			14.3	2.4	13.2	1235	1015	1100	915	-	-	1465	960	880	660	1865
360 / 85 - 270	SOLIDEAL PON 555	■		■			14.3	3.3	13.2	1940	1585	1730	1445	-	-	2305	1520	1380	1045	2920
280																				
350 / 90 - 280	SOLIDEAL PON 555	■		■			13.8	3.5	13.0	1995	1630	1775	1490	-	-	2360	1555	1420	1070	3000
305																				
405 / 130 - 305	SOLIDEAL SM	■			■		16.0	5.1	14.9	3330	2735	2975	2500	2415	1985	3330	2735	2380	1785	5025
405 / 130 - 305	SOLIDEAL SRP	■		■			-	-	14.9	3330	2735	2975	2500	2415	1985	3330	2735	2380	1785	5025
405 / 260 - 305	SOLIDEAL SRP	■		■			15.8	10.2	14.8	7330	6020	6550	5500	5325	4365	7330	6020	5235	3925	11065
415 / 75 - 305	SOLIDEAL PON 555	■		■			16.4	3.0	15.1	1820	1490	1610	1345	-	-	2150	1420	1290	980	2735
415 / 90 - 305	SOLIDEAL PON 555	■		■			16.4	3.5	15.1	2360	1930	2095	1755	-	-	2790	1840	1675	1270	3550
415 / 100 - 305	SOLIDEAL PON 555	■		■			16.4	3.9	15.1	2460	2015	2205	1840	1785	1465	2460	2015	1755	1310	3715
425 / 150 - 305	SOLIDEAL SM	■			■		16.8	5.9	15.4	4210	3460	3750	3165	3055	2500	4210	3460	3010	2260	6360
425 / 260 - 305	SOLIDEAL SRP	■		■			16.7	10.2	15.4	7980	6550	7120	5985	5800	4750	7980	6550	5700	4275	12060
425 / 300 - 305	SOLIDEAL SRP	■		■			16.8	11.8	15.4	9360	7685	8355	7020	6800	5580	9360	7685	6680	5015	14130
450 / 300 - 305	SOLIDEAL SRP	■		■			17.7	11.8	16.0	10240	8420	9140	7685	7440	8300	10240	8420	7320	5490	15475

PRESS-ON TIRES

TECHNICAL DATA / IMPERIAL

TIRE SIZE ¹	BRAND	TREAD PATTERN		RUBBER COMPOUND			ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lb.) ²										
		Smooth	Traction	Black	Non-marking	NMAS	Overall diameter (in.)	Overall width (in.)	Replacement overall diameter ⁵ (in.)	Counterbalanced lift trucks						Other vehicles ³				Static 0 mph
										Up to 6 mph		Up to 10 mph		Up to 16 mph		4 mph	6 mph	10 mph	16 mph	
										Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel					
370																				
520 / 120 - 370	SOLIDEAL PON 555	■		■			20.5	4.7	18.7	3695	3030	3295	2765	2680	2195	3695	3030	2635	1975	5555
550 / 150 - 370	SOLIDEAL PON 555	■		■			21.8	5.9	19.5	5190	4255	4620	3880	3760	3075	5170	4255	3695	2780	7815
410																				
540 / 200 - 410	SOLIDEAL SRP	■		■			21.3	7.9	19.8	7210	5920	6435	5400	5235	4290	7210	5920	5150	3860	10880
550 / 120 - 410	SOLIDEAL PON 555	■		■			21.7	4.7	20.0	3860	3175	3450	2900	2800	2295	3860	3175	2755	2070	5830
550 / 160 - 410	SOLIDEAL SRP	■		■			21.7	6.3	20.0	5620	4630	5025	4220	4090	3350	5620	4630	4025	3020	8500
645 / 250 - 410	SOLIDEAL SRP	■		■			25.4	9.8	22.5	10605	8665	9215	7560	7285	6050	11025	7850	6890	5500	16005
645 / 300 - 410	SOLIDEAL SRP	■		■			25.4	11.8	22.5	13360	10935	11630	9545	9195	7630	13880	9890	8675	6945	20185
645 / 300 - 410	SOLIDEAL PON 555	■		■			-	-	-	13360	10935	11630	9545	9195	7630	13880	9890	8675	6945	20185
480																				
660 / 203 - 480	SOLIDEAL SRP +	■		■			26.0	8.0	23.8	8145	6670	7090	5820	5610	4650	8685	6030	5290	4235	12300
660 / 250 - 480	SOLIDEAL PON 555	■		■			25.8	9.8	23.9	10540	8620	9170	7530	7255	6030	10945	7805	6845	5480	15915
660 / 280 - 480	SOLIDEAL PON 555	■		■			26.0	11.0	23.8	12050	9875	10505	8630	8465	6900	12545	8940	7835	6270	18230
500																				
760 / 250 - 500	SOLIDEAL SRP +	■		■			30.1	9.8	26.8	11995	9810	10430	8565	8245	6845	12455	8875	7780	6230	18100

Remarks

(1) Tolerances on wheel diameter

Code designated sizes (inch sizes): nominal rim diameter +0.005"/-0"

Metric sizes (mm sizes): h11 according to ISO/R286

Surface roughness: Ra < 6.3 μm

Chamfer: 5 mm wide @ 30°

(2) The speeds quoted in the table are the maximum speeds of the unloaded vehicle. An increase in load capacity for lower speeds is not permitted.

(3) This category includes:

- Drive and steer wheels on other than counterbalanced forklift trucks;
- Wheels and mobile cranes;
- Free-rolling wheels on trailers. up to a maximum distance of 2000 m per journey.

For longer distances and for wheels fitted to rotary plants, please consult the technical department.

(4) For Roll On/Roll Off trailers values of category "other vehicles" at appropriate speed should be taken.

(5) The tire is considered worn out when the outside diameter is equal or smaller than the replacement overall diameter.

All specifications for non-marking tires are the same as the equivalent standard black tire.

This document contains technical data of all products globally. It is possible that certain items are not sold in your region. Please contact your local sales representative to check tire availability in your region.

PRESS-ON TIRES



SOLIDEAL
PON 775



SOLIDEAL
PON 555



SOLIDEAL
PON 550



SOLIDEAL
PON 775 NMAS



SOLIDEAL
PON 555 NM



SOLIDEAL
PON 550 NM



SOLIDEAL
SM HL



SOLIDEAL
SM SRP/SRP+