



L20 Wipers

Product Information

Code	Color	Material	Sheet Size	Put-Up	Sheets/Pack	Packs/Case	Sheets/Case
47033	Natural	Multi-Ply	9.1" x 16.8"	POP-UP*	88	10	880
47044	White	4-ply	9.1" x 16.8"	POP-UP*	88	10	880
34607	White	4-ply	12.5" x 16.8"	BRAG*	176	1	176
58399	Natural	Multi-Ply	12.5" x 16.8"	BRAG*	176	1	176
47000	Natural	Multi-Ply	12.5" x 12"	1/4 Fold	68	12	816
47022	White	4-ply	12.5" x 12"	1/4 Fold	68	12	816
47758	White	2-ply	9.8" x 13.4"	Center Pull Roll	550	3	1650

Physical Properties

The following are current, subject to change at any time without notice. Physical property data is as produced; subsequent storage conditions and the age of the product, which are beyond Kimberly-Clark's control, may affect the properties of the product as received. Test results of competitive product are single sample of the product provided by the customer.

Property	Target Natural (2 Ply)	Target White (2 Ply)	Target White (4 Ply)	Testing Method
Water Capacity (g/4"x4")	2.85	2.1	3.8	STM 2401
Oil Capacity (g/4"x4")	2.3	NA	11	STM 2401
Caliper (.001 in)	25	10.5	24	STM 3001
MD Stretch (%)	15	13	17	STM 5500
Tensile Strength MD Dry (g/3 in.)	5600	3500	5600	STM 5500
Tensile Strength CD Wet (g/3 in.)	465	480	700	STM 5500
Tensile Strength CD Dry (g/3 in.)	1530	1580	2200	STM 5500
Post Consumer Waste (%)	40	75	75	
Pre Consumer Waste (%)	NA	25	25	
Total Recycled Fiber (%)	40	100	100	
Third Party Certification	NA	NA	NA	
Meets EPA Standards for minimum PCW Content: Wipers 40%	Yes	Yes	Yes	



Workmanship Requirements

Wipers shall be made in accordance with reasonable industry practice with respect to holes, tears, wrinkles, cleanliness, odors and foreign materials or dirt. Edges shall be cleanly cut.

Kimberly-Clark warrants that its products (1) comply with K-C's standard specifications as of the delivery date to K-C's authorized distributors/direct purchasers and are warranted for the following periods from end user's date of purchase (verified by valid sales receipt) (a) five years for Balder Technology auto darkening filters; (b) two years for all other auto darkening filters; and (c) one year for powered air purifying respirators; (2) comply with all K-C labeling representations; and (3) are manufactured in compliance with all applicable federal, state, and local laws in effect at the time and place of manufacture of the products. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. K-C is not liable for any kind of special, incidental, or consequential damages. K-C's liability for breach of contract, tort or other cause of action shall not exceed the product purchase price. Purchasers and users are deemed to have accepted the above warranty and limitation of liability, and cannot change the terms by verbal agreement or by any writing not signed by K-C. To the extent required by applicable law, K-C does not limit its liability for death/injury resulting from K-C's negligence.

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