

SMP SAS

VIA FOGGIA 45., BARLETTA, Bari, Puglia, Italia

E-mail: info@smp.srl Telephone: 0883 526148 Company Website: <https://www.smp.srl/>

Image 	<table border="1"> <thead> <tr> <th colspan="4">Product</th> <th>Polymer</th> <th colspan="3">PSV</th> </tr> </thead> <tbody> <tr> <td colspan="4">Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic</td> <td>LDPE</td> <td colspan="3">PSV da Scarto Industriale</td> </tr> <tr> <td>Recycled total</td> <td>Post-consumer recycled</td> <td>Pre-consumer recycled</td> <td>By-product total</td> <td>External by-product</td> <td>Internal by-product</td> <td colspan="2">Virgin material</td> </tr> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td colspan="2">30%</td> </tr> <tr> <td>Dimension</td> <td colspan="7">da 55 cm x 70 cm a 90 cm x 120 cm</td> </tr> <tr> <td>Description</td> <td colspan="7">Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde cod CH27, CH29, CH30</td> </tr> <tr> <td colspan="8"> https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic/ </td> </tr> </tbody> </table>	Product				Polymer	PSV			Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic				LDPE	PSV da Scarto Industriale			Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material		70%	–	70%	–	–	–	30%		Dimension	da 55 cm x 70 cm a 90 cm x 120 cm							Description	Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde cod CH27, CH29, CH30							https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic/							
Product				Polymer	PSV																																																				
Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic				LDPE	PSV da Scarto Industriale																																																				
Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material																																																			
70%	–	70%	–	–	–	30%																																																			
Dimension	da 55 cm x 70 cm a 90 cm x 120 cm																																																								
Description	Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde cod CH27, CH29, CH30																																																								
https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic/																																																									
Image 	<table border="1"> <thead> <tr> <th colspan="4">Product</th> <th>Polymer</th> <th colspan="3">PSV</th> </tr> </thead> <tbody> <tr> <td colspan="4">Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic</td> <td>LDPE</td> <td colspan="3">N/A</td> </tr> <tr> <td>Recycled total</td> <td>Post-consumer recycled</td> <td>Pre-consumer recycled</td> <td>By-product total</td> <td>External by-product</td> <td>Internal by-product</td> <td colspan="2">Virgin material</td> </tr> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td colspan="2">30%</td> </tr> <tr> <td>Dimension</td> <td colspan="7">da 55 cm x 70 cm a 90 cm x 120 cm</td> </tr> <tr> <td>Description</td> <td colspan="7">Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde cod CH10, CH11, CH12</td> </tr> <tr> <td colspan="8"> https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic-2/ </td> </tr> </tbody> </table>	Product				Polymer	PSV			Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic				LDPE	N/A			Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material		70%	–	70%	–	–	–	30%		Dimension	da 55 cm x 70 cm a 90 cm x 120 cm							Description	Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde cod CH10, CH11, CH12							https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic-2/							
Product				Polymer	PSV																																																				
Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic				LDPE	N/A																																																				
Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material																																																			
70%	–	70%	–	–	–	30%																																																			
Dimension	da 55 cm x 70 cm a 90 cm x 120 cm																																																								
Description	Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde cod CH10, CH11, CH12																																																								
https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic-2/																																																									
Image 	<table border="1"> <thead> <tr> <th colspan="4">Product</th> <th>Polymer</th> <th colspan="3">PSV</th> </tr> </thead> <tbody> <tr> <td colspan="4">Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic - CH28</td> <td>LDPE</td> <td colspan="3">N/A</td> </tr> <tr> <td>Recycled total</td> <td>Post-consumer recycled</td> <td>Pre-consumer recycled</td> <td>By-product total</td> <td>External by-product</td> <td>Internal by-product</td> <td colspan="2">Virgin material</td> </tr> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td colspan="2">30%</td> </tr> <tr> <td>Dimension</td> <td colspan="7">90 cm x 120 cm</td> </tr> <tr> <td>Description</td> <td colspan="7">Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde</td> </tr> <tr> <td colspan="8"> https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic-ch28/ </td> </tr> </tbody> </table>	Product				Polymer	PSV			Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic - CH28				LDPE	N/A			Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material		70%	–	70%	–	–	–	30%		Dimension	90 cm x 120 cm							Description	Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde							https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic-ch28/							
Product				Polymer	PSV																																																				
Sacchi per la raccolta differenziata - Linea Cheapy Bag Basic - CH28				LDPE	N/A																																																				
Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material																																																			
70%	–	70%	–	–	–	30%																																																			
Dimension	90 cm x 120 cm																																																								
Description	Sacchi per la raccolta differenziata, resistenti, economici, pratici. Chiusura a laccetti. Colore: verde																																																								
https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-cheapy-bag-basic-ch28/																																																									
Image 	<table border="1"> <thead> <tr> <th colspan="4">Product</th> <th>Polymer</th> <th colspan="3">PSV</th> </tr> </thead> <tbody> <tr> <td colspan="4">Sacchi per la raccolta differenziata - Track Bag</td> <td>LDPE</td> <td colspan="3">PSV da Scarto Industriale</td> </tr> <tr> <td>Recycled total</td> <td>Post-consumer recycled</td> <td>Pre-consumer recycled</td> <td>By-product total</td> <td>External by-product</td> <td>Internal by-product</td> <td colspan="2">Virgin material</td> </tr> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td colspan="2">30%</td> </tr> <tr> <td>Dimension</td> <td colspan="7">da 55 cm x 65 cm a 90 cm x 110 cm</td> </tr> <tr> <td>Description</td> <td colspan="7">La nuova soluzione low cost alla tracciabilità dei rifiuti. TrackBag è il nuovo sacchetto in grado di controllare, tramite uno specifico sistema di lettura, il corretto uso dei sacchetti per il conferimento dei rifiuti permettendo alle Amministrazioni di partire con progetti di identificazione ad un costo contenuto. Con TrackBag® è infatti possibile: ridurre il quantitativo di sacchi erogato monitorandone la distribuzione alle utenze, responsabilizzare il cittadino al corretto conferimento delle varie tipologie di rifiuti, contenere i costi di smaltimento, predisporre un sistema premiante. L'utilizzo di TrackBag, in sinergia con RadioBag, rappresenta la soluzione alle difficoltà dovute all'identificazione di materiali ostili al rilevamento tramite tecnologia Rf-Id. Cod TR (vari codici)</td> </tr> <tr> <td colspan="8"> https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-track-bag/ </td> </tr> </tbody> </table>	Product				Polymer	PSV			Sacchi per la raccolta differenziata - Track Bag				LDPE	PSV da Scarto Industriale			Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material		70%	–	70%	–	–	–	30%		Dimension	da 55 cm x 65 cm a 90 cm x 110 cm							Description	La nuova soluzione low cost alla tracciabilità dei rifiuti. TrackBag è il nuovo sacchetto in grado di controllare, tramite uno specifico sistema di lettura, il corretto uso dei sacchetti per il conferimento dei rifiuti permettendo alle Amministrazioni di partire con progetti di identificazione ad un costo contenuto. Con TrackBag® è infatti possibile: ridurre il quantitativo di sacchi erogato monitorandone la distribuzione alle utenze, responsabilizzare il cittadino al corretto conferimento delle varie tipologie di rifiuti, contenere i costi di smaltimento, predisporre un sistema premiante. L'utilizzo di TrackBag, in sinergia con RadioBag, rappresenta la soluzione alle difficoltà dovute all'identificazione di materiali ostili al rilevamento tramite tecnologia Rf-Id. Cod TR (vari codici)							https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-track-bag/							
Product				Polymer	PSV																																																				
Sacchi per la raccolta differenziata - Track Bag				LDPE	PSV da Scarto Industriale																																																				
Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material																																																			
70%	–	70%	–	–	–	30%																																																			
Dimension	da 55 cm x 65 cm a 90 cm x 110 cm																																																								
Description	La nuova soluzione low cost alla tracciabilità dei rifiuti. TrackBag è il nuovo sacchetto in grado di controllare, tramite uno specifico sistema di lettura, il corretto uso dei sacchetti per il conferimento dei rifiuti permettendo alle Amministrazioni di partire con progetti di identificazione ad un costo contenuto. Con TrackBag® è infatti possibile: ridurre il quantitativo di sacchi erogato monitorandone la distribuzione alle utenze, responsabilizzare il cittadino al corretto conferimento delle varie tipologie di rifiuti, contenere i costi di smaltimento, predisporre un sistema premiante. L'utilizzo di TrackBag, in sinergia con RadioBag, rappresenta la soluzione alle difficoltà dovute all'identificazione di materiali ostili al rilevamento tramite tecnologia Rf-Id. Cod TR (vari codici)																																																								
https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-track-bag/																																																									

Image	Product	Polymer	PSV														
	Sacchi per la raccolta differenziata linea Eurospin - SPIN 53x65	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	53 cm x 65 cm															
Description	Sacchi per la raccolta differenziata linea Eurospin con maniglie da 20 pezzi. Colore: azzurro																
	https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-eurospin-spin-53x65/																
	Sacchi per la raccolta differenziata linea Eurospin - SPIN 80x120	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	80 cm x 120 cm															
Description	Sacchi per la raccolta differenziata linea Eurospin con accetti da 10 pezzi. Colore: nero																
	https://www.ippr.it/en/products/sacchi-per-la-raccolta-differenziata-linea-eurospin-spin-80x120/																
	Sacchi per raccolta differenziata - Baggy Strong	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	da 50 cm x 60 cm a 90 cm x 120 cm															
Description	Sacchi per la raccolta rifiuti con sistema antigoccia. Chiusura con laccetti. Cod BA01, BA03, BA05, BA07, BA08																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-baggy-strong/																
	Sacchi per raccolta differenziata - Baggy Strong Plus - BA09	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta differenziata dei rifiuti con sistema antigoccia. Chiusura con maniglie.																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-baggy-strong-plus-ba09/																
	Sacchi per raccolta differenziata - Baggy Strong Plus Profumato	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta rifiuti con sistema antigoccia. Chiusura con maniglie. Diverse profumazioni. cod BA11, BA12, BA13																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-baggy-strong-plus-profumato/																




Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata - Easy Bag Extra Strong	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	da 80 cm x 110 cm a 90 cm x 120 cm															
Description	Sacchi per la raccolta rifiuti con chiusura con laccetti. Sistema antigoccia. Cod EB06, EB07																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-easy-bag-extra-strong/																	
	Sacchi per raccolta differenziata - Easy Bag Extra Strong Plus - EB08	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta rifiuti con chiusura con maniglie. Sistema antigoccia.																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-easy-bag-extra-strong-plus-eb08/																	
	Sacchi per raccolta differenziata - Easy Bag Extra Strong Plus Profumato - EB10	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta rifiuti con chiusura con maniglie. Sistema antigoccia.																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-easy-bag-extra-strong-plus-profumato-eb10/																	
	Sacchi per raccolta differenziata - Freshy Profumato - FR01	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta di rifiuti con maniglie, al profumo di menta. Sistema antigoccia.																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-freshy-profumato-fr01/																	
	Sacchi per raccolta differenziata - Lemon Sacco Profumato - LS01	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta rifiuti con chiusura con con maniglie al profumo di limone. Sistema antigoccia.																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-lemon-sacco-profumato-ls01/																	

Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata - Linea Ambra	LDPE	PSV da Raccolta Differenziata														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>99%</td> <td>99%</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>1%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	99%	99%	70%	-	-	-	1%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	99%	99%	70%	-	-	-	1%										
	Dimension	larghezza da 40 cm a 130 cm. Altezza da 50 cm a 150 cm															
Description	Sacchi per la raccolta differenziata dei rifiuti																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-ambra/																	
	Sacchi per raccolta differenziata - Linea Ekobag	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	da 50 cm x 70 cm a 90 cm x 120 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. Cod. EK01, EK03, EK05, EK06, EK07, EK08, EK09, EK10, EK16																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-ekobag/																	
	Sacchi per raccolta differenziata - Linea Ekobag - EK 16	LDPE	N/A														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	70 cm x 90 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti.																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-ekobag-ek-16/																	
	Sacchi per raccolta differenziata - Linea Ekobag Kg 1	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	- 50 cm x 70 cm - 70 cm x 110 cm - 90 cm x 120 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. cod EK 13, EK14, EK15																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-ekobag-kg-1/																	
	Sacchi per raccolta differenziata - Linea Ekobag Plus - EK 10	LDPE	N/A														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti.																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-ekobag-plus-ek-10/																	

Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata - Linea Sacchetti Pattumiera Tipo 1000	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	da 50 cm x 70 cm a 90 cm x 120 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. cod TM04, TM05, TM06																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-sacchetti-pattumiera-tipo-1000/																	
	Sacchi per raccolta differenziata - Linea Sacco Nero PA	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>97%</td> <td>-</td> <td>97%</td> <td>-</td> <td>-</td> <td>-</td> <td>3%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	97%	-	97%	-	-	-	3%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	97%	-	97%	-	-	-	3%										
	Dimension	larghezza da 40 cm a 130 cm. Altezza da 50 cm a 150 cm															
Description	Sacchi singoli da 10 pezzi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. cod SI01, SI02, SI03																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-sacco-nero-pa/																	
	Sacchi per raccolta differenziata - Linea Sacco PA	LDPE	PSV da Raccolta Differenziata														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>97%</td> <td>-</td> <td>96%</td> <td>-</td> <td>-</td> <td>-</td> <td>4%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	97%	-	96%	-	-	-	4%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	97%	-	96%	-	-	-	4%										
	Dimension	lunghezza da 40 cm a 130 cm. Altezza da 50 cm a 150 cm															
Description	Sacchi per la raccolta rifiuti																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-sacco-pa/																	
	Sacchi per raccolta differenziata - Linea Shoppy	LDPE	N/A														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	52 cm x 70 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. Rotoli da 15 pezzi. SH 01-02-03-04-05-06-09-14-15																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-shoppy/																	
	Sacchi per raccolta differenziata - Linea Shoppy - SH01	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	52 cm x 70 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. Rotoli da 15 pezzi																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-shoppy-sh01/																	

Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata - Linea Shuppy MAXI	LDPE	N/A														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	52 cm x 70 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. Rotoli da 10 pezzi. SH 18-19-20																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-shuppy-maxi/																
	Sacchi per raccolta differenziata - Linea SINGLE BAG	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	68 cm x 80 cm															
Description	Sacchi singoli da 10 pezzi per la raccolta rifiuti. Sistema antigoccia. Chiusura con laccetti. cod SI01, SI02, SI03																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-linea-single-bag/																
	Sacchi per raccolta differenziata - Radio Bag - RA	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	- 55 cm x 65 cm - 70 cm x 90 cm - 70 cm x 110 cm															
Description	Sacchi per la raccolta differenziata dei rifiuti: ogni sacchetto è dotato di un chip che viene riconosciuto tramite un apposito lettore e permette di monitorare e tracciare il rifiuto in tutto il suo percorso. Chiusura con laccetti o maniglie a richiesta. cod RA vari codici																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-radio-bag-ra/																
	Sacchi per raccolta differenziata - Robusta	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	- 50 cm x 60 cm; - 70 cm x 110 cm; - 80 cm x 110 cm; - 90 cm x 120 cm.															
Description	Sacchi per la raccolta rifiuti linea ROBUSTA al profumo di carrube cod RO01, RO02, RO03																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-robusta/																
	Sacchi per raccolta differenziata - Rolly Bag - RB01	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>-</td> <td>70%</td> <td>-</td> <td>-</td> <td>-</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	-	70%	-	-	-	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	-	70%	-	-	-	30%										
	Dimension	45 cm x 55 cm															
Description	Sacchi per la raccolta rifiuti chiusura con laccetti. Sistema antigoccia.																
	https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-rolly-bag-rb01/																





Image	Product	Polymer	PSV				
	Sacchi per raccolta differenziata - Sacchi 4 Colori	LDPE	PSV da Scarto Industriale				
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material
	70%	—	70%	—	—	—	30%
	Dimension	70 cm x 110 cm					
	Description	Sacchi colorati per la raccolta differenziata dei rifiuti. Chiusura con laccetti e maniglie. Disponibile nei colori: verde, giallo, bianco, rosa. cod RD01, RD02, RD03, RD04					
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-sacchi-4-colori/							

Image	Product	Polymer	PSV				
	Sacchi per raccolta differenziata - Sacchi 4 Colori	LDPE	N/A				
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material
	70%	—	70%	—	—	—	30%
	Dimension	70 cm x 110 cm					
	Description	Sacchi colorati per la raccolta differenziata dei rifiuti. Chiusura con laccetti e maniglie. Disponibile nei colori: verde, giallo, bianco, rosa. cod RC01, RC02, RC03, RC04					
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-sacchi-4-colori-2/							

Image	Product	Polymer	PSV				
	Sacchi per raccolta differenziata - Sakko	LDPE	PSV da Scarto Industriale				
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material
	70%	—	70%	—	—	—	30%
	Dimension	da 80 cm x 110 cm a 90 cm x 120 cm					
	Description	Sacchi per la raccolta rifiuti, chiusura con laccetti, sistema antigoccia. Cod. SA06, SA07					
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-sakko/							

Image	Product	Polymer	PSV				
	Sacchi per raccolta differenziata - Sakko Plus -SA08	LDPE	PSV da Scarto Industriale				
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material
	70%	—	70%	—	—	—	30%
	Dimension	55 cm x 65 cm					
	Description	Sacchi per la raccolta rifiuti, chiusura con maniglie. Sistema antigoccia.					
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-sakko-plus-sa08/							

Image	Product	Polymer	PSV				
	Sacchi per raccolta differenziata - Sakko Plus Profumato - SA10	LDPE	PSV da Scarto Industriale				
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material
	70%	—	70%	—	—	—	30%
	Dimension	55 cm x 65 cm					
	Description	Sacchi per la raccolta rifiuti, chiusura con maniglie, sistema antigoccia.					
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-sakko-plus-profumato-sa10/							

Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata - Shopyy	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td>3%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	–	70%	–	–	–	3%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	–	70%	–	–	–	3%										
	Dimension	52 cm x 70 cm															
Description	Sacchi per la raccolta rifiuti con maniglie. Disponibili anche nella versione profumata. cod SH01, SH02, SH03, SH04, SH05, SH06, SH09, SH14, SH15																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-shopyy/																	
Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata - Silver Bag	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	–	70%	–	–	–	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	–	70%	–	–	–	30%										
	Dimension	da 55 cm x 65 cm a 90 cm x 110 cm															
Description	Sacchi per la raccolta rifiuti in plastica metallizzata. Chiusura con maniglie. Cod. SB01, SB03																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-silver-bag/																	
Image	Product	Polymer	PSV														
	Sacchi per raccolta differenziata da scarto industriale - Linea Ekobag Plus Profumato EK 12-17	LDPE	PSV da Scarto Industriale														
	<table border="1"> <thead> <tr> <th>Recycled total</th> <th>Post-consumer recycled</th> <th>Pre-consumer recycled</th> <th>By-product total</th> <th>External by-product</th> <th>Internal by-product</th> <th>Virgin material</th> </tr> </thead> <tbody> <tr> <td>70%</td> <td>–</td> <td>70%</td> <td>–</td> <td>–</td> <td>–</td> <td>30%</td> </tr> </tbody> </table>	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material	70%	–	70%	–	–	–	30%		
	Recycled total	Post-consumer recycled	Pre-consumer recycled	By-product total	External by-product	Internal by-product	Virgin material										
	70%	–	70%	–	–	–	30%										
	Dimension	55 cm x 65 cm															
Description	Sacchi per la raccolta rifiuti. Sistema antigoccia. Chiusura con maniglie. cod EK12, EK17																
https://www.ippr.it/en/products/sacchi-per-raccolta-differenziata-da-scarto-industriale-linea-ekobag-plus-profumato-ek-12-17/																	