333 A RIGID POWER

LLDPE cast stretch film suitable for applications on “entry level” wrapping machines with medium prestretch (up to 250%). Thickness downgauging maintaining the same performance allows 333 to replace any kind of power film saving up to 35% material

Characteristic	Method	Unit	Direction	9 µm	12 µm	15 µm	17 µm	20 µm	23 µm	Tolerances
Impact resistance	**ASTM D1709 A**	**g**	**-**	52	87	105	120	145	161	10%
Tensile strength at break	**ASTM D882 B**	**MPa**	**Machine Direction**	36	29	33	35	37	38	10%
			Transversal Direction	17	17.4	18	24	24	25	10%
Tensile strength at yield	**ASTM D882 B**	**MPa**	**Machine Direction**	11	13	14	14.5	14.5	15	10%
			Transversal Direction	7.5	7.6	7.6	8	8	8.5	10%
Elongation at break	**ASTM D882 B**	**%**	**Machine Direction**	290	355	370	403	481	545	10%
			Transversal Direction	550	555	620	640	650	710	10%
Tear Resistance	**ASTM D1922**	**mN**	**Machine Direction**	1981	2182	2154	3203	3750	4215	10%
			Transversal Direction	4430	5103	5645	6774	6850	6915	10%
Prestretch*	**Hipac**	**%**	**-**	150	200	240	260	280	290	5%
Cling	**Hipac**	**g**	**-**	125	125	130	130	130	130	10%

* Intended as the sum of prestretch and post-stretch (lay on tension).
In case of coloured stretch film these values should be reduced by 10%.
In case of additives these values should be reduced by 5%.
In case of printed film these values should be reduced by 5%.

Coloured	Slippery	AUV 6/12 months	Antistatic	Net Roll	Cling Out/In/Both	Low Temperature	Printed	Double Edges
✓	✓	✓	✓	✓	✓	✓	✓	✓

HIPAC STRETCH FILM HAS BEEN DESIGNED TO BE 100% RECYCLABLE

The above values are to be considered as indicative in order to facilitate the choice and usage, but are not given for guarantee purposes. Hipac Group reserves the right to modify them, if necessary, without previous notice. Products in conformity with our Technical Specification. The present document is property of Hipac S.p.A. It cannot be copied, published or redistributed without prior written consent of Hipac S.p.A.