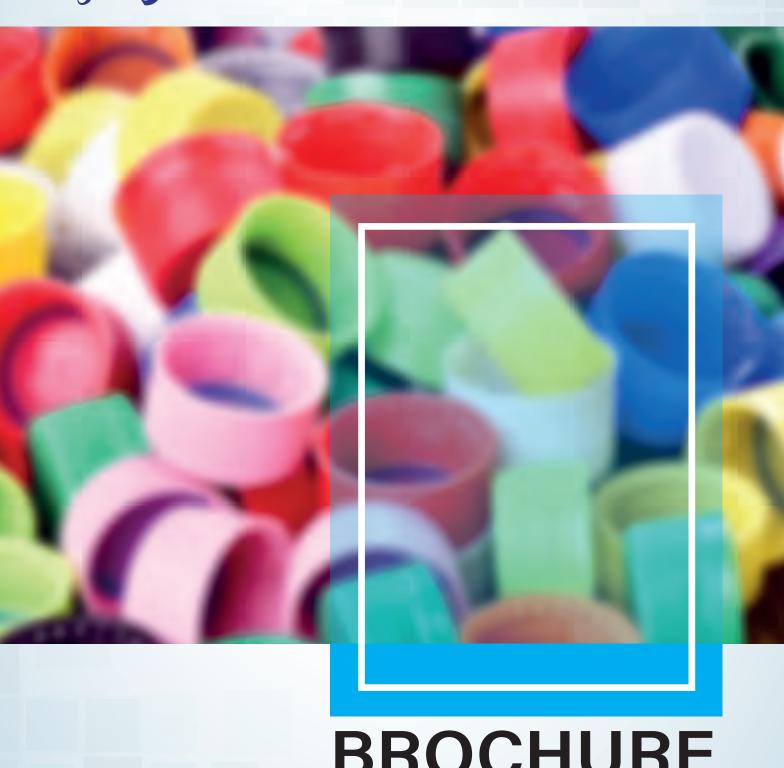


INNOVATION

WITH EXPERIENCE



BROCHURE 2020

www.3p-gulf.com

INTRODUCTION

3P GULF GROUP IS AMONGST THE LEADING PLASTIC CONVERTING GROUPS IN THE MENA REGION, WITH OVER 50 YEARS OF EXPERIENCE, SUPPLYING OVER 30 CONTRIES WORLDWIDE. OPERATED BY A MASTERLY TEAM THAT HAVE ENDURED FIVE SUCCESSFUL DECADES IN SETTING UP INDUSTRIAL VENTURES MAINLY IN THE FIELD OF PLASTIC, WITH OPERATION FACILITIES IN SAUDI ARABIA, UAE AND EGYPT. THE GROUP PRODUCES A WIDE RANGE OF PREMIUM PRODUCTS, FLEXIBLE AND RIGID, OFERING THE "COMPLETE PACKAGING SOLUTION".

3P GULF GROUP MANUFACTURES ITS PRODUCTS IN 5 INTEGRATED FACTORIES LOCATED IN JEDDAH AND RABIGH, IN LINE WITH QUALITY MANAGEMENT PRINCIPLES COMPLYING TO ISO:9001 AND BRC IOP STANDARD. THE PRODUCTION IS PERFORMED WITH THE MOST ADVANCED TECHNOLOGY UNDER HYGIENIC CONDITIONS AND FULL AUTOMATIC INSPENCTION WITH VISION SYSTEMS.

OUR 3P CLOSURES EXPERTS OFFER SUPPORT AND RECOMMENDATIONS TO THE MOST SUITABLE ECONOMIC CLOSURES SOLUTIONS FOR OUR CUSTOMERS NEED AND REQUIREMENTS.











CAPS & CLOSURES

3P Carbonated Soft Drinks



Code: 3P28 - E.LC

28 mm (double piece)
Pad Printing
Carbonated Soft Drinks
Compression 'olding
3.1 g



Code: 3P28 - HL3C

28 mm (double piece)
Pad Printing
Carbonated Soft Drinks
Compression 'olding
3.1 g



Code: 3P28 - 81C

1881 (double piece)
Pad Printing
Carbonated soft drinks
Compression molding
2.70 g



Code: 3P28 - AF4C

28 mm (Double Piece)
Pad Printing
Carbonated soft drinks
Compression molding
3.30 g

3P Mineral Water Caps



Code: 3P28 - E.LC

29/25 mm Water Closure Embossed / Engraved logo Mineral Water Injection molding 1.25 g



Code: 3P28 - HL3C

29/25 mm Water Closure Embossed / Engraved logo Mineral Water Compression Molding 1.30 g



Code: 3P28 - 81C

30/25 mm Water Closure Embossed / Engraved logo Mineral Water Compression molding 1.75 g



Code: 3P28 - AF4C

30/25 mm Water Closure Embossed / Engraved logo Mineral Water Injection molding 1.75 g

3P Water and Juice Caps



Code: 3P28 - E.LC

40 mm
Embossed / Engraved logo
Mineral Water
Injection molding
6.80 g



Code: 3P38 - L1I

38 mm
Embossed / Engraved logo
Juice, Mineral water
Injection molding
3.10 g



Code: 3P38 - L2i

38 mm
Embossed / Engraved logo
Juice, mineral water
Injection molding
3.10 g



Code: 3P28 - SP

28 mm
Embossed / Engraved logo
Non-carbonated CSD,
Juice, Water
Injection molding
2.45 g

CAPS & CLOSURES

3P Pharmaceuticals



Code: 3P38O - L1I

28 mm Screw Cap Disk liner Pharmaceutical Bottle Injection molding & assembly machine 4.20 g



Code: 3P38O - L2I

28 mm Screw Cap PE Plug Seal Pharmaceutical Bottle Injection molding & assembly machine 4.50 g



Code: 3P400 - L1I

Mouth Wash Cap
Tamper Evidence Band
PET Plastic Mouth
Wash Bottle
Injection Molding
7.00 g



Code: 3P - UM

10 ml 28 mm
Measuring Cap
Embossed/Engraved Logo
Pharmaceutical Syrup
Bottles Pet Glass
Injection Molding
2.25g

3P Oil & Home Care Caps



Code: 3P380 - L1I

38 mm (PP) Closure
Induction Seal (alum. liner)
1.8L HDPE Oil Bottle.
Injection molding &
assembly machine
6.50 g with liner.



Code: 3P38O - L2I

38 mm (PP) Closure
Induction Seal (alum. liner)
1.8L HDPE Oil Bottle.
Injection molding &
assembly machine
6.00 g with liner



Code: 3P400 - L1I

40 mm (PE) Closure
Induction Seal (alum. liner)
2L PET Oil Bottle.
Injection molding &
assembly machine
6.21 g with liner.



Code: 3P - UM

Comfort Cap 1L, 2L, 3L HDPE bottles. Injection molding 16.3 g

3P Flip Top & Snap Top Caps



Code: 3P - FTM

Flip – Top Liquid Closure Induction Seal (alum. Liner) Mayonnaise, Ketchup Injection Molding & assembly liner machine 5.80 g



Code: 3P - SUR400

400 ml Flip Top Closure. 400 Ml HDPE Shampoo Bottle. Injection molding 13.50 g



Code: 3P - SUR100

100 ml Flip Top Closure. 100 Ml HDPE Shampoo bottle. Injection molding 6 g



Code: 3P - SUR200

200 ml Flip top closure. 200 Ml HDPE Shampoo Bottle. Injection molding 9.8 g



PET PREFORMS

PET PREFORMS



1810 PCO

WEIGHT	HEIGHT	Diameter
16.0	85.40	25.70
18.0	85.57	25.70
21.0	85.57	25.70
21.4	94.20	25.50
22.2	90.80	25.70
25.5	96.50	25.50
25.5	96.50	25.70
32.5	110.82	25.50
45.0	141.00	25.50
50.1	149.80	25.50
53.5	156.20	25.70



30/25 MM

	, , –	
WEIGHT	HEIGHT	Diameter
10.9	77.50	28.00
11.5	76.00	28.00
12.2	75.36	28.00
12.5	74.80	28.00
12.7	75.50	28.00
13.0	82.20	28.00
13.5	82.20	28.00
14.0	82.20	28.00
16.0	89.00	28.00
17.0	89.00	28.00
18.0	95.00	28.00
18.5	95.00	28.00
20.0	95.00	28.00
21.5	95.70	28.00
28.0	116.00	28.00
31.5	125.00	28.00



1881 PCO

WEIGHT	HEIGHT	Diameter
18.0	89.37	25.70
18.0	91.17	25.70
19.0	89.37	25.70
19.0	91.17	25.70
22.3	89.57	25.70
22.3	91.17	25.70
22.5	98.20	25.70
23.3	95.00	25.70
24.4	95.00	25.70
27.0	100.50	25.70
36.8	122.90	25.70
39.0	122.90	25.70
39.0	128.00	25.55
46.3	145.70	25.50
51.6	153.80	25.50
55.0	160.40	25.70



38 MM

WEIGHT	HEIGHT	Diamete
69.0	145.00	36.50
13.5	62.30	36.50
18.0	78.50	36.50
69.0	145.00	36.50



25/30 MM

WEIGHT	HEIGHT	Diameter
7.9	61.00	28.00
9.0	61.00	28.00
9.7 10.4	70.10 70.10	28.00 28.00
10.4	70.10	28.00
11.4	70.10	28.00
12.6	81.10	28.00
13.6	81.10	28.00
26.5	114.10	28.00
30.0	119.10	28.00



40 MM

	WEIGHT	HEIGHT	Diameter
ı	78.0	153.90	44.70
ı	80.5	148.95	44.70
ı	83.0	154.85	44.70
J			



BOPP LABELS

• High Qua

- High Quality Film Material (OPP and BOPP)
- High Gloss Finish
- High Printing Quality
- Excellent machineaibility (Suitable for High Speed Labeling lines)

Production Capabilities:

- Width: 30 1300mm
- Repeat Length (Photo cell to photo cell distance) up to 1110mm
- Inner Core Diameter 3" or 6" (76mm or 153mm) Paper Core
- Inner Core Weight: 400g 1000g

- HIGH QUALITY VERSATILE MATERIAL
- HIGH GLOSS FINISH
- SUITABLE FOR HIGH SPEED LABELING LINES





SHRINK FILM

PRINTED SHRINK FILM

3P Shrink Wrap

3P Shrink Wrap Film is a LDPE co-extruded blown Im, serves as protective wrapping for articles of merchandise. It consists of clear plastic Im that is wound around the articles and then shrunk by heat to form a sealed, tight tting package (Shrink package). Polyethylene (PE) Plain & Printed Shrink Films used as Multi-pack are much in demand for the Juice & Beverages Industries. PE Plain & Printed Rolls are for the packaging application (FFS) in Food & Detergent industries - a very fast growing Packaging sector Worldwide. Some of the salient features of this Im are mentioned below.



Shrink Film Features:

- 3 layers Co-Extruded film
- High clarity
- High gloss finish
- High shrink ratio
- Excellent mechanical properties (high strength and stiffness)
- Suitable for wrapping bottles, can, carton packs.... etc.
- A better alternative for cartons and boxes.
- Attractive and economical



Technical Data Sheet

High Power Shrink Film

Technical Proper	ties	Units	Measured Values	Method
Coefficient of Fricti	on		0.3	ASTM Method
(F/F surface-Kinet	ic)		0.5	D 1894
Breaking Strength	MD	N/mm	34	ASTM Method
Dreaking Strength	TD	IWIIIII	32	D 882
Violding Strongth	MD	N/mm	18	ASTM Method
Yielding Strength	TD	IWIIII	16	D 882
Toor Strongth	MD		255	ASTM Method
Tear Strength	TD		444	D 882
Floragation @ Prook	MD	%	482	ASTM Method
Elongation @ Break	TD	70	589	D 882
Shrinkaga Faraa	MD	%	70	3P Method
Shrinkage Force	TD	-/0	30	or iviethou
Processing Condition of		on set temperature 160°C / 10sec.		3P Method
Shrinking Test		on set temperatu	10 100 07 10300.	or incurou

High Shrink Film

Technical Properties		Units Measured Values		Method	
Coefficient of Friction	on		0.2	ASTM Method	
(F/F surface-Kineti	c)		0.3	D 1894	
Dan elder Oter en ette	MD	NHorses	34	ASTM Method	
Breaking Strength	TD	N/mm	32	D 882	
V. 1 O	MD	N/mm	16	ASTM Method	
Yielding Strength	TD	IWITI	14	D 882	
	MD		248	ASTM Method	
Tear Strength	TD		422	D 882	
Flowerstion @ Brook	MD	0/	442	ASTM Method	
⊟ongation @ Break	TD	%	562	D 882	
	MD	0/	72	3P Method	
Shrinkage Force	TD	%	28	3F Method	
Processing Condition Shrinking Test	of	on set temperature 160°C / 10sec.		3P Method	

Standard Shrink Film

Technical Properties		Units Measured Values		Method	
Coefficient of Friction	n		0.3	A STM Method	
(F/F surface-Kinetic	:)		0.0	D 1894	
Breaking Strength	MD	N/mm	34	ASTM Method	
Dreaking Strength	TD	TWITHIT	32	D 882	
Yielding Strength	MD	N/mm	14	ASTM Method	
r iciding offerigin	TD	TWITHIT	12	D 882	
Tear Strength	MD		240	ASTM Method	
rear Strength	TD		400	D 882	
Flooration @ Prook	MD	%	442	ASTM Method	
Elongation @ Break	TD	70	555	D 882	
Chuimles as Fores	MD	0/	70	OD Matha ad	
Shrinkage Force	TD	%	30	3P Method	
Processing Condition	Processing Condition of				
Shrinking Test		on set temperatui	e 160 C/ Tusec.	3P Method	

INVENTING THE NEW WAYS



3P SHRINK WRAP

Performance

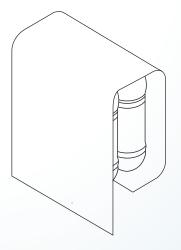
- Superior film optical properties and excellent printability
- Superior film impact resistance, film toughness and excellent mechanical strength
- Optimal shrinkage

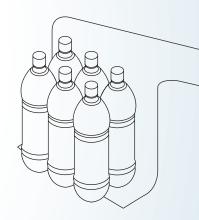
Sustainability

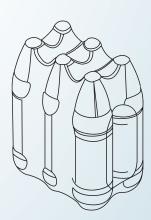
- Focus on energy consumption and post-consumer ways
- Weight reductions
- Low temperature shrink performance

Cost

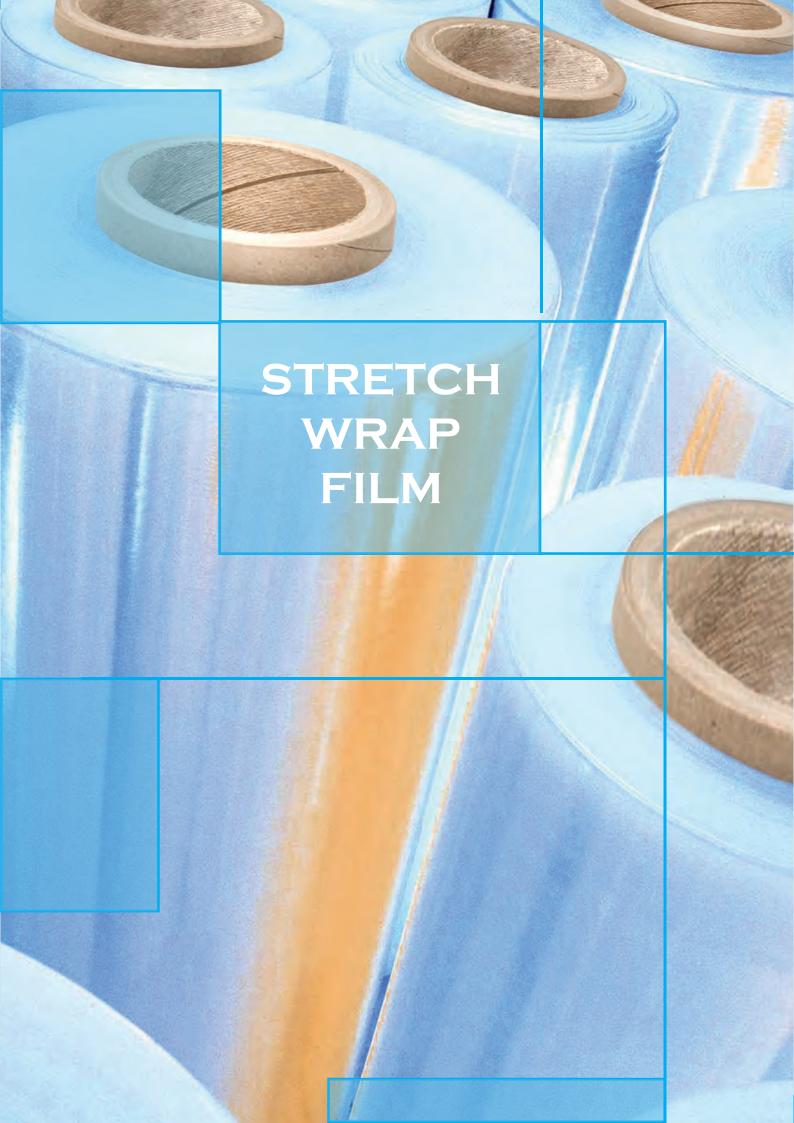
- Downguaging
- Film capable of high speed machining







Heat shrink wrapping of bundles: techniques, solutions, comparisons and advantages of a packaging technology that has revolutionized industry and distribution alike.



STRETCH WRAP FILM

How much film is on your pallet?

3P Stretch can help you...

- Improve containment and protection
- Reduce materials and weight
- Lower material costs



Are your stretch wrap products:

Achieving proper supremacy forces?

Wrapping persistently?

Safely and securely attached to the pallet?

Cost effective?





Optimize your stretch wrapping process with 3P Gulf Group and 3P Stretch expertise. Improve product penetration (containment) while simultaneously reducing your stretch film costs.

3P Gulf packaging experts will measure and benchmark your existing operation and make recommendations to optimize your stretch wrap pattern.

3P Stretch Machine Film

3P Gulf offering includes stretch film products that provide enduring performance, maximum efficiency and unmatched value. Our full suite of machine films offers the best quality and selection for your most demanding applications. **3P Stretch** packaging specialists can help you optimize your stretch wrapping process.

3P SS -16 Standard Stretch Machine/Jumbo Film

Description:

It is a polyethylene stretch film, 5 and 7-layer co-extruded, LLDPE (Cast technology), with a guaranteed pre-stretch of 160%. The Thickness of the film between 15-40 microns depends on the valuable customer's requirement. The product has been tested in 3P's laboratories up to a maximum pre-stretch. The film is transparent in its standard version, with the cling side on the internal layer. 3PS – 16 is an extremely versatile stretch film, which can be used in all applications of industrial packaging.

TECHNICAL DATA SHEET

Film Properties	Unit	MD	CD	Standard Applied
Yield Tensile Strength	N/mm²	9	8	
Tensile Strength at Break	N/mm²	22	15	ASTM D882-97
Elongation at Break	%	323	430	
Tear Strength	mN	2046	2924	ASTM D1922-94
Impact Strength	g	13	38	ASTM D1709-98
Guaranteed Pre - Stretch	%	150		3P Stretch Method
Maximum Pre - Stretch	%	180		3P Stretch Method

Above mechanical and Physical properties are based on following parameters: Film thickness 23 micro mm, Ambient temperature 23-25 degree centigrade: Relative Humidity: $50\% \pm 5\%$.

Thickness available in Micro mm 15,17,20,21,23,25,30,35,40 | Corresponding Roll Length in mm 6,000,2000,1700,1500,1300,1000 Standard Roll Configuration Film Width 500mm, Roll Weight 16 - 60 Kgs, Clear (Other Specifications available on request.)

Packing 46/16 Rolls per Standard Pallet of 1000x1200mm

3P AS -18 Above Standard Stretch Machine/Jumbo Film

Description:

It is a polyethylene stretch film, 5 and 7-layer co-extruded, LLDPE (Cast technology), with a guaranteed pre-stretch of 180%. The Thickness of the film between 15-40 microns depends on the valuable customer's requirement. The product has been tested in 3P's laboratories up to a maximum pre-stretch. The film is transparent in its standard version, with the cling side on the internal layer. 3PAS – 18 is an extremely versatile stretch film, which can be used in all applications of industrial packaging.

TECHNICAL DATA SHEET

Film Properties	Unit	MD	CD	Standard Applied
Yield Tensile Strength	N/mm²	9	8	
Tensile Strength at Break	N/mm²	25	18	ASTM D882-97
Elongation at Break	%	398	519	
Tear Strength	mN	2558	3656	ASTM D1922-94
Impact Strength	g	165		ASTM D1709-98
Guaranteed Pre - Stretch	%	170		3P Stretch Method
Maximum Pre - Stretch	%	190		3P Stretch Method

Above mechanical and Physical properties are based on following parameters: Film thickness 23micro mm, Ambient temperature 23-25 degree centigrade: Relative Humidity: $50\% \pm 5\%$.

Thickness available in Micro mm 15,17,20,21,23,25,30,35,40 | Corresponding Roll Length in mm 6,000,2000,1700,1500,1300,1000 Standard Roll Configuration Film Width 500mm, Roll Weight 16 - 60 Kgs, Clear (Other Specifications available on request.)

Packing 46/16 Rolls per Standard Pallet of 1000x1200mm

3P PS -24 Power Stretch Machine/Jumbo Film

Description:

It is a polyethylene stretch film, 5 and 7-layer co-extruded, LLDPE (Cast technology), with a guaranteed pre-stretch of 240%. The Thickness of the film between 15-40 microns depends on the valuable customer's requirement. The product has been tested in 3P's laboratories up to a maximum pre-stretch. The film is transparent in its standard version, with the cling side on the internal layer. 3PS – 24 is an extremely versatile stretch film, which can be used in all applications of industrial packaging.

TECHNICAL DATA SHEET

Film Properties	Unit	MD	CD	Standard Applied
Yield Tensile Strength	N/mm²	10	9	
Tensile Strength at Break	N/mm²	36	24	ASTM D882-97
Elongation at Break	%	502	646	
Tear Strength	mN	3274	4680	ASTM D1922-94
Impact Strength	g	190 240 260		ASTM D1709-98
Guaranteed Pre - Stretch	%			3P Stretch Method
Maximum Pre - Stretch	%			3P Stretch Method

Above mechanical and Physical properties are based on following parameters: Film thickness 23 micro mm, Ambient temperature 23-25 degree centigrade: Relative Humidity: $50\% \pm 5\%$.

Thickness available in Micro mm 15,17,20,21,23,25,30,35,40 | Corresponding Roll Length in mm 6,000,2000,1700,1500,1300,1000 Standard Roll Configuration Film Width 500mm, Roll Weight 16 - 60 Kgs, Clear (Other Specifications available on request.)

Packing 46/16 Rolls per Standard Pallet of 1000x1200mm

3P SPS -30 Super Power Stretch Machine/Jumbo Film

Description:

It is a polyethylene stretch film, 5 and 7-layer co-extruded, LLDPE (Cast technology), with a guaranteed pre-stretch of 300%. The Thickness of the film between 15-40 microns depends on the valuable customer's requirement. The product has been tested in 3P's laboratories up to a maximum pre-stretch. The film is transparent in its standard version, with the cling side on the internal layer. 3PSS – 30 is an extremely versatile stretch film, which can be used in all applications of industrial packaging.

TECHNICAL DATA SHEET

Film Properties	Unit	MD	CD	Standard Applied
Yield Tensile Strength	N/mm²	11	9.50	
Tensile Strength at Break	N/mm²	48	33	ASTM D882-97
Elongation at Break	%	630	810	
Tear Strength	mN	4095	5852	ASTM D1922-94
Impact Strength	g	190		ASTM D1709-98
Guaranteed Pre - Stretch	%	300		3P Stretch Method
Maximum Pre - Stretch	%	330		3P Stretch Method

Above mechanical and Physical properties are based on following parameters: Film thickness 23micro mm, Ambient temperature 23-25 degree centigrade: Relative Humidity: 50% ± 5%.

Thickness available in Micro mm 15,17,20,21,23,25,30,35,40 | Corresponding Roll Length in mm 6,000,2000,1700,1500,1300,1000 Standard Roll Configuration Film Width 500mm, Roll Weight 16 - 60 Kgs, Clear (Other Specifications available on request.)

Packing 46/16 Rolls per Standard Pallet of 1000x1200mm

3P Stretch Hand Roll Film

3P Gulf offering includes stretch film products that provide enduring performance, maximum efficiency and unmatched value. Our full suite of machine films offers the best quality and selection for your most demanding applications. **3P Stretch** packaging specialists can help you optimize your stretch wrapping process.

3P HS -12 Hand Roll Stretch Film

Description:

It is a polyethylene stretch film, 5 and 7-layer co-extruded, LLDPE (Cast technology), with a guaranteed pre-stretch of 120%. The Thickness of the film between 15-40 microns depends on the valuable customer's requirement. The product has been tested in 3P's laboratories up to a maximum pre-stretch. The film is transparent in its standard version, with the cling side on the internal layer. 3PHS – 12 is an extremely versatile stretch film, which can be used in all applications of industrial packaging.

TECHNICAL DATA SHEET

Film Properties	Unit	MD	CD	Standard Applied
Yield Tensile Strength	N/mm²	9	8	
Tensile Strength at Break	N/mm²	22	15	ASTM D882-97
Elongation at Break	%	323	430	
Tear Strength	mN	2046	2924	ASTM D1922-94
Impact Strength	g	130		ASTM D1709-98
Guaranteed Pre - Stretch	%	140		3P Stretch Method
Maximum Pre - Stretch	%	150		3P Stretch Method

Above mechanical and Physical properties are based on following parameters: Film thickness 23 micro mm, Ambient temperature 23-25 degree centigrade: Relative Humidity: $50\% \pm 5\%$.

Thickness available in Micro mm 15,17,20,21,23,25,30,35,40 | Corresponding Roll Length in mm 1.80,2.0,2.20,2.40,2.50,2.60,3.0,3.20,3.40,4.20 Standard Roll Configuration Film Width 500mm,Roll Weight 2.40 Kgs, Clear (Other Specifications available on request.)

Packing 528 Rolls per Standard Pallet of 1000x1200mm. Upon request other Palletizing methods possible.







DISPOSABLES



Oval Tray 1/2

OT-1/2 1,500 Pcs



Oval Tray 1

OT-01 1,000 Pcs



Deep Tray 10

MDT-10 1,000 Pcs



Deep Tray 15

MDT-15 1,000 Pcs



Deep Tray 15A

RDT-15A 1,000 Pcs



Round Tray 18

ROT-18 1,000 Pcs



Round Tray 22

RST-22 500 Pcs



Round Tray 26

ROT-26 500 Pcs



Square Tray 1

ST-01 1,000 Pcs



Rectangular Tray 1/2

RT-1/2 1,500 Pcs



Rectangular Tray 1

RT-01 1,000 Pcs



DISPOSABLES



Rectangular Tray 2

RT-02 1,000 Pcs



Rectangular Tray 2A

ST-02A 1,000 Pcs



Rectangular Tray 3

ST-03 1,000 Pcs



Rectangular Tray 4

ST-04 500 Pcs



Round Divided Tray 18/3

RDT-18/3 1,000 Pcs



Round Divided Tray 22/3

RDT-22/3 500 Pcs



Round Divided Tray 26/3

RDT-26/3 500 Pcs



Round Divided Tray 26/4

RDT-26/4 500 Pcs



Rectangular Tray 4/3

RT-4/3 500 Pcs



