

MATERIAL CHARACTERISTICS

MATERIAL TRADENAME	BOSTON ES	BOSTON EO	BOSTON XO	BOSTON XO2
CODE	GBES	GBEO	GBXO	GBX2
MATERIAL NAME	ENFLUFOCON A	ENFLUFOCON B	HEXAFOCON A	HEXAFOCON B
MATERIAL ORIGIN	B&L USA	B&L USA	B&L USA	B&L USA
SILICON CONTENT	5% to 7 %	5% to 7 %	8% to 9%	8% to 9%
OXYGEN PERMEABILITY (Dk)	18	58	100	141
WETTING ANGLE captive bubble	52°	49°	49°	38°
HARDNESS Rockwell R	118	114	112	100
REFRACTIVE INDEX	1.443	1.429	1.415	1.424
SPECIFIC GRAVITY	1.22	1.23	1.27	1.19
COLOR TINT AVAILABILITY	BLUE / GREEN / CLEAR	BLUE / GREEN / GREY	BLUE / GREEN / VIOLET	BLUE / GREEN / VIOLET
		BROWN		

MATERIAL TRADENAME	PARAGON FP30	PARAGON FP60	PARAGON FP92	PARAGON FP151
CODE	PF30	PF60	PF92	P151
MATERIAL NAME	PAFLUFOCON C	PAFLUFOCON B	PAFLUFOCON A	PAFLUFOCON D
MATERIAL ORIGIN	PARAGON USA	PARAGON USA	PARAGON USA	PARAGON USA
OXYGEN PERMEABILITY (Dk)	30	43	64	100
WETTING ANGLE captive bubble	61°	62°	64°	70°
HARDNESS Shore D	84	83	81	79
REFRACTIVE INDEX	1.466	1.453	1.453	1.442
SPECIFIC GRAVITY	1.14	1.15	1.15	1.1
COLOR TINT AVAILABILITY	BLUE / GREEN / VIOLET	BLUE / GREEN / VIOLET	BLUE / GREEN	BLUE
	GREY / CRYSTAL B / MJTIC B	BROWN / CLEAR / ICE BLUE		

MATERIAL TRADENAME	PARAGON HDS	PARAGON HDS100	PARAGON THIN	PMMA
CODE	PHDS	H100	PTHN	GPMA
MATERIAL NAME	PAFLUFOCON B	PAFLUFOCON D	PAFLUFOCON C	
MATERIAL ORIGIN	PARAGON USA	PARAGON USA	PARAGON USA	PARAGON USA
OXYGEN PERMEABILITY (Dk)	40	100	23	0
WETTING ANGLE captive bubble	62°	70°	61°	68°
HARDNESS Shore D	84	79	85	99
REFRACTIVE INDEX	1.449	1.442	1.463	1.495
SPECIFIC GRAVITY	1.16	1.10	1.14	1.18
COLOR TINT AVAILABILITY	BLUE / GREEN / ICE BLUE	BLUE / GREEN	BLUE / GREEN	CLEAR
	FOREST GREEN			